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Historical Society

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MUSEUM
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GIFT OF

Col. Laurence E. Bunker

938

#4

Private

LOG BOOK.

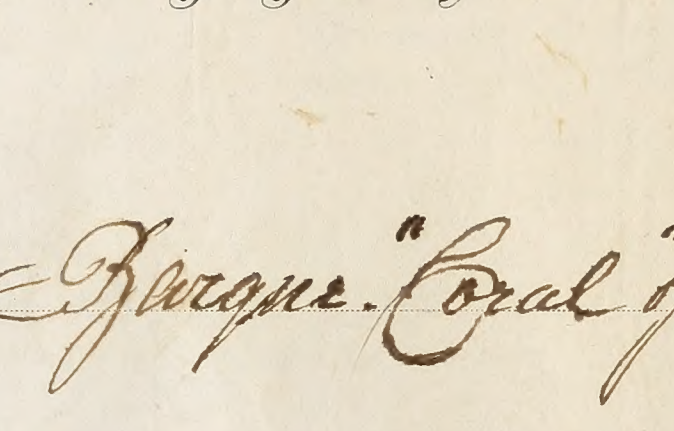
1880

Voyages of the

Whaling Barque "Coral" of New Bedford

Commanded by

H. A. Parker



"M. A. Parker"

"Du bist so nah, und doch so fern."

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of February 1880
1						
2						At 8 A.M. Weather cloudy with much rain & S.E. wind Ship at anchor in Stream. 8.30 went on board in steam Tug "C.P. Redmond" and towed to sea heavy swell on the bar and light baffling airs with clear pleasant weather. At 11 cast off when outside 6 fathoms being on outer edge of bar. Made all sail on different tacks until 7 P.M. when took a good breeze from the S.E. bore N.N.W. Stocked anchors and chains chose and set watches 32 Men all told and one passenger for Honolulu many pilots boarded out and in the San Francisco
3			Thursday			
4			19th February			
5						
6						
7						
8						
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10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of February 1880
1						A Moderate S.E. wind clear with heavy swell from the West End — In getting boats for whaling blowing away Starb chain Cable between decks and general duties. Saw land to the S.E. at 7 a.m one sail in sight to the West passed a large stick of timber at 5 P.M — A heavy westerly swell ship rolling heavily cloudy weather no Observation
2			Friday			
3			20th February			
4						
5						
6						
7						
8						
9						
10			This timber was square about 4 ft diameter and perhaps 20 ft long the swell was to high for taking it alongside so did not attempt it			
11						
12						
1						
2						
3						
4						
5						
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8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of February 1880
1						Light - Northerly airs with
2			Saturday February			clear pleasant - weather
3			21st			under Main royal S.S.W.
4						At 1 P.M. saw 3 large Sperm
5						Whales going quick S.W.
6						lowered 3 boats and chased
7			Sperm Whales			until dark with the kind
8			going quick S.W.			of luck that ends in such
9						disappointment bore S.S.W.
10						At 7 P.M. wind light - S.W.
11						
12						
1			Lat - 36 - 20 S			
2			Long 124 - 18 West -			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of February 1880
1						
2						Light - baffling winds from W.S.W.
3			Sunday February			to S. heading to the Southward
4						under M.S.G. sail - Afternoon
5			22d			nearly calm with much rain
6						in Showers. Weather dark &
7						Cloudy
8						
9						
10						
11						"
12						Rothingtons Wash day "
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of Feb 1880
1						Light-Westerly winds with rain & showers up to 10 A.M. when it cleared off under all sail S.S.W. Employed in breaking out after hatch for provisions fitting boats &c. Saw many black birds. Afternoon clear pleasant. Employed as
2						
3			Monday 23d			
4			February			
5						
6						
7						
8						
9						
10						
11						
12						No Observation
1						
2						
3						
4						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of Feb 1880
1						
2			Tuesday 24th			Moderate westerly winds with
3			February			rainy showers. Under all sail
4						S.S.W. Employed in fitting boats
5						stowing off between decks
6						overhauling cutting gear &c
7						rove new Guys & Head-lifts
8						cutting Halliards aloft. Saw a
9						sunfish & black and laid aback
10						for them. Saw many black
11						birds. At 4 P.M. altered course
12						to S.W.
1						
2						
3						
4			Lat 31.30 N			
5			Long 127-05 W			
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of Febr 1880
1						Light southerly winds clear & smooth Employed in breaking out flour shifting Spare Spars along side forecastle stowing off the run taking ofc of stbd Tky Under all Sail P.M.
2						
3			Wednesday			
4						
5			25th February			
6						
7						
8						
9			Commencement of			
10						
11			the N. E. Trades			
12						
1			which			
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat- 30-20 N Long 128-53 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of February 1880
1						A steady breeze throughout these
2						24 hours from ENE, & with
3			Thursday			cloudy weather and mist
4						showers. Under Main Royal
5			26th February			& W. Employed in setting up fore
6						topmast backstays preventer
7						boom backstays, & fore topmast
8						rigging jibboom & flying jib guys
9						& bobstay Fore staysail
10						&
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations Sun Obscured

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of February 1880
1						
2						A Strong North wind with cloudy
3						weather - Steering S.W. under
4			Friday 27th			Main Royal - Employed in overhauling
5						sheaves in the Cabin-heads - Making
6			February			new block straps to lower boat-tackle
7						blocks - and making new canvas
8						cover to Crow-nest - Saw porpoises
9						this morning
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat - 27 = 12 N Long 134 - 08 West
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of February 1880
1						
2			Saturday 28th			Moderate N.E Trades - cloudy
3						weather with light-rain showers
4			February			under M Royal S.W. employed
5						fitting Scuttle butt overhauling
6						boat-tackle falls - and etc
7						Saw a small Finback Whale
8						rolling very comfortably @ times
9						Served Tobacco to the Men
10						@ 4 P.M. bore S.W by S
11						
12						
•1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat 25 - 34 N Long 136.37 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of February 1880
1						
2			Sunday 29th			Moderate N.E winds cloudy
3			February			weather with rain showers
4						during the night - Under M
5						Royal S.W. by W during day
6						steered from the East - Ship
7						rolling uncomfortably at-
8						times
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat 24-37 N Long 138-56 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of March 18
1						
2			Monday 1st day of			Moderate breezes from SE with
3			March			cloudy weather under all available
4						sail S.W.½W. Employed in repairing
5						a spare boat. Sent down Main
6						Royal yard fitted new lifts and
7						footropes and sent it aloft
8						again - rove new signal halliards
9						all fore & mizzen stays heads
10						at 4 P M bore W.S.W.
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 23-4 N Long 141-02 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of ~~April~~ March 1880
1						
2			Tuesday 2d day			Fresh winds from E to N.E. mostly
3			of March			cloudy weather and rainy showers
4						Employed in setting up rigging
5						repairing spare boat + etc
6						Sent down Mizzen stay sewed
7						it and set it up again
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of March 1880
1						
2			Wednesday 3d			Strong N.E. Trades and clear
3			March			under Main Royal N.E.W.
4						Employed repairing spare boat-
5						rowing new backstays to fore
6						mast rigging. A sail in sight
7						astern continuing on with us
8						at sunset finded Main Royal
9						ship rolling heavily at times
10						a heavy N.E. swell. Since
11						leaving San Francisco we have
12						pumped twice each day viz 7h
1						Morning about 10 minutes
2						each time - this morning we
3						pumped about 100 strokes
4						More than usual
5						
6						
7						
8						
9						
10						
11						
12						

Distance made about 130 miles

No Observations Sun obscure

Lat 22-22 N Long 147-01 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of March 1880
1						
2			Thursday	4th		A strong S E wind with rain
3						showers. cloudy weather and
4			March			heavy swell Ship rolling most
5						uncomfortably Employed in ships
6						duty repairing Spare boat &
7						Set Steering W. S. W. during the
8						Night at 8 A M bore N by S
9						at 6 P M W by S ½ S trying to
10						keep her from rolling over
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						In Lat 21 = 4 N @ Meridian
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of March 1880
1						
2			Friday	5th		Moderate N. E. wind heavy Swell
3						cloudy weather under M. T. Sail
4			March			W. S. W. ½ W Forenoon Squally
5						afternoon clear 1st Main Yard
6						finished Spare boat and fast
7						ner overhead on bearers
8						Noticed first flying fish
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 21 = 20 N Long 152. 40 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Honolulu

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of March 1880
1						
2						Moderate N.E winds cloudy
3			Saturday 6th			weather with fine rain squalls
4						under Main Royal Wth T. A
5			March			backs in sight Eastern all day
6						Ends in pleasing. Sharp boat
7						Wthy bottom, great log Steaks
8						At 12 M Sand Key Light bore
9						"Hawaii" South 86 miles @ 5 P.M
10						saw North end of Maui W by S
11						45 Miles Sand many flying fish
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 21-20 N Long 155-22 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of March 1880
1						
2			Wednesday 10th			At 4 P.M I came on board
3						from Honolulu having shifted
4			March			A second Mate and a Boat-
5						header for this season - leaving
6						left my ship in the Pilot boat
7						Sunday @ 2 P.M Capt Fisher
8						remaining in charge and
9						laying off and on the Island
10						during Afternoon and evening
11						light baffling airs with rain
12						showers standing to the W.d
1						under all sail
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						At dark Honolulu harbor
12						E by S 15 Miles —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of March 1880
1						during night wind fresh &
2			Thursday	11th		clear from the South
3						reduced sail to double reef
4			March			Ensp Ln repairing boats
5						stood on the Wound to the
6						SW until 5 P M when we
7						wore ship to the Eastward
8						the Island of Kauai between
9						Kilauea point and Hanalei Bay
10						SW 10 miles
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Chronometer correct
11						
12						Lat 21 = 45 Long 159 = 14 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of March 1880
1						
2			Friday	12th		Strong N wind through the
3						night under double reefs and
4			March			courses on the wind E by S
5						until 2 A M when wind hauled
6						more to E we wore ship to SW
7						passed along the East of Kauai
8						within 6 to 8 miles and at sunset
9						the N point bore S W 25 mile
10						laid aback under double reef
11						and jib (saw N Wmpbacks and
12						fairbacks) heading on the wind
1						SW. Employed during the day
2						setting up rigging fitting & planing
3						boats &c
4						
5						
6						
7						
8						
9						
10						
11						
12						No Ob. N point-Kauai SW. 25 miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu — towards Hokianga Jea 1880 —

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of March 1880
1			Saturday 13th			A fresh N.N.E trade with clear
2			March			weather @ daylight bore W.S.W.
3						under double reefed topsails
4						employed in tuning & fitting
5						rigging finished repairing 3rd
6						boat put her overhead to paint
7						At 5 P M saw Bird Island
8						S.W. 40 miles at dark luffed to
9						wind S.W by S with foresail
10						in brails
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat-23-09 S Long 161-09 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of March 1880
1			Sunday 14th			A Moderately N.E. trade wind
2			March			increasing with & with clear
3						weather and smooth sea — In
4						fact a very pleasant day
5						under double reef jib and
6						foresail N.W. & W. — a general
7						observance of this day no
8						work transacted
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat-24.22 Long 162-09 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of March 1880
1			Monday	15th		A light Northerly wind with rain
2			March			showers during the night
3						Throughout the day clear pleasant
4						weather, under double reefs
5						& W½ W. Finished Spare boat &
6						put her overhead to paint
7						took in waist boat for repairs
8						Saw many flying fish
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat-26=06 Long 163-30 West
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of March 1880
1			Tuesday	16th		Light-Northerly winds and clear
2			March			pleasant weather throughout
3						Emp in repairing waist boat-
4						turning down rigging and
5						variously during under double
6						reefed topsails and fore & aft-
7						sail & W by W until 12 M when
8						we bore W. & N. Saw a finback
9						whale and 2 shoals porpoises
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 25=58 Long 164-22 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards "Behrings Sea"

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of March 1880
1						
2			Wednesday	17th		a Moderate North wind with clear
3						pleasant weather under double
4			March			reefed topsail and fore & aft sail
5						W.N.W. Employed setting & planting
6						boats setting sails & sails making
7						new mainsail & etc. put out
8						whale boat and took down an
9						old spare one from the overhead
10						house for repairs
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat 26 = 4' Long 166 06 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of March 1880
1						
2			Thursday	18th		a Moderate N wind with clear
3						pleasant weather and smooth
4			March			Sea under double reefs and
5						fore & aft sails W.N.W. Emp-
6						loyed repairing an old topsail
7						Making Hatch & Companion cover
8						Painting whale boat and
9						line tubs & covers and repairing
10						spare boat. Saw nothing
11						but Very large black birds so
12						plentiful in this locality
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 24°.23 Long 167 = 52 W.
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of March 1880
1			Friday 19th			a light N'ortherly wind standing to the Eastward and clear pleasant weather under double reefed topsail and ~~stay~~ fore & aft sails W by W at 12 M bore W by W Emp Sea breaking over the after hold for pitching & ship labouring heavy the Spare boat & Pedestal Gear
2			March			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat 28.08 N Long 169-08 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of March 1880
1			Saturday 20th			a light-N E wind smoothly and pleasant-weather under double reefs and fore & aft sail N W by W at daylight made all sail and bore N W. Served out clothing to all hands this day. Emp the various duties - Nothing seen today but birds
2			March			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 29.00 N Long 170 = 29 West
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21 day of March 1880
1			Sunday 21st			a Moderate NE. wind & clear
2			March			weather under all sail H.W.
3						during night - squally with rain
4						double reefed the topsails daylight-
5						clear & pleasant - wind mod
6						SW. Made all sail - Afternoon
7						cloudy with slight rain and
8						a confused sea broke H W by S
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat - 30 48 North No Long
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of March 1880
1			Monday 22d			Light - baffling winds from SW by S
2			March			with fine rain showers under
3						M & J sail through the day on
4						diff tacks with wind from W
5						by N. W - Sun obscure'd no observation
6						Employed fitting & filling water
7						butt. Making addition to house
8						on deck stopping purchase block
9						&c —
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23 day of March 1880
1			Tuesday 23d			Moderate Northerly winds thick cloudy weather with much rain in squalls under topsails heading from W by N to N W by W Employed making and setting weather clothing &c.
2						
3			March			
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations Am Obscure
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of March 1880
1						
2						
3			Wednesday 24th			Moderate Northerly winds with constant rain through the night during day light baffling winds calm steady rain and cloudy weather sometimes under double reefs at others No 2 sail set one singly reefed topsail heading all ways Course & Dist same Mod & fresh winds heading S W much rain
4			March			
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						No Observations Am Obscure
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of March 1880
1						
2			Thursday 25th			Fresh & wind with much rain
3						under Fore T.g. sail on the wind
4			March			from W.S.W. to W.N.W. forenoon
5						cleared off & came out fresh times
6						for 5 days wind increasing
7						double reefed topsails on the
8						wind W by S and W & W
9						making light-green. Employed
10						getting wearher cloths repairing
11						skylight &c
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat-34:45 N Long 175:02 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of March 1880
1						
2			Friday 26th			Moderate winds with slight rain
3						showers from thy S.S.W. under
4			March			double reefs on thy wind W by N
5						at 7 A M made all sail there
6						light clear weather. Employed
7						repairing old fore sail at 4 P M
8						sent it sent down the other
9						for repairs - saw many fish
10						gulls and during forenoon
11						many" Portuguese Men of war"
12						afternoon heavy calms Employed
1						part of afternoon hoisting out the
2						a spirit compass and the
3						skylight &c
4						
5						
6						
7						
8						
9						
10						
11						Lat 35.00 N Long 174-02 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Yokohama Jea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of March 1880
1			Saturday	27th		Light baffling airs and calm clear
2						weather Sup to 3 A M when
3						a light breeze from S.E. cloudy
4			March			weather Smooth Sea Under
5						all Sail S W ½ W to round the
6						westward of the Aleutian Island
7						as adverse winds have sent us
8						too far west for the 172 pass
9						Ship Employed repairing foresail
10						fitting davit fid cutting Stays
11						2 Ins
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 35=42 N Long Non Obs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of March 1880
1			Sunday	28th		Moderate SE round cloudy weather
2						Under all Sail S W ½ W. Through
3			March			latter part of night and during
4						day much rain Lit showers
5						afternoon wind S.S.W. dark
6						& Gloomy weather Down out at bin
7						Sent Sulphur bottom whales and
8						finbacks
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 37=45 Long 149 32 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Honolulu towards Yokohama Jan 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of March 1880
1			Monday			Fresh breezes from the North
2						with squalls of rain
3			29th March			under single reefs with
4						M. S. G. sail and fly jib set at
5						times. Employed getting new
6						cranes to bow boat and
7						various duties passed this
8						Meridian of 180 this forenoon
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 39-03 Long 179-23 East
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of March 1880
1						
2			Tuesday			Light Northerly winds & airs clear
3						pleasant weather under all
4			30 March			sail from W by S to W. b. N.
5						Employed in shifting up "Crows nest"
6						in S.W. Monkey Crosstrees. Saw a
7						"Sulphur bottom" whale
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 29-30 Long 178-00 East
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behring Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of March 1880
1						Light- N N E airs cloudy
2						weather & smooth Sea Unmo
3			Wednesday			main royal & W by S ½ S
4			31st March			Emp in setting up rid shrouds
5						fitting head stays with tops
6						& rbs Saw finbacks whales
7						Shark fowl & seal & a "Killer"
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of April 1880
1						
2			Thursday			Light airs and calm with clear
3			1st April			pleasant weather All hands set-
4						Emp in fitting carks repairing
5						boat sails. Making Aft davits
6						for "dingy" tuning rigging
7						standing fresh water Kept
8						saw a fur seal asleep lowered a boat
9			East Long time			to catch him found him wide
10			Friday 2d April			awake - Saw also finbacks
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Lat 40 = 00 N Long 177-37

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of April 1880
1						
2			Friday 2d day			Light airs and calm with clear
3			April West Long			pleasant weather. Under all
4						sail - Course N W by N 1/2 N
5						Saw 2 Finbacks - Empt 2m
6			Saturday 3d day			repairing Mizen & Main Sail
7			of April			fitting aft davits - putting a
8			East Long			new wind vane at the Main
9						Mast head and setting up
10						all shrouds - @ 6 P.M. a thick
11						calm saw a large body of
12			Sperm whales			Sperm whales going N.W.
1			large body of large			lowered all pair boats whales
2			whales going NW			heard the boats when lowering
3						and allready their course
4						to S.E. Bow boat went on
5						to a large whale and he
6						settled under the quarter
7			Large whale milped			Larboard boat went on to a
8			by Joseph Lambert -			100 Bbl whale and the boat steer
9			Medeiros boatsteerer -			Jose Lambert milped him
10						with both Irons @ 8 P.M.
11						Struck ~~Struck~~ Struck three sperm
12			Lat 40 00 Long 177.27 E			Lat ~~40-20-0~~ Long 177-39 East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of April 1880
1						
2			Saturday 3d			Calm all night - and through
3			April 1880			the entire day. Saw one
4						Finback a shoal of porpoises
5						a shark and many birds
6						No sign of the whales - Q
7						have allowinately for Trip
8						to date for Wilbur Jun Klum
9						of Jose Lambert -
10						
11						
12						In Observations -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of April 1880
1						Calm all through the night-
2	Sunday 4th					during the day light airs from
3			Mon. April			the South which hauled Lute
4						this West by dusk Under all sail
5						heading W W by W ½ W — saw
6			West Long time			finbacks and 2 or 3 seals
7						
8			Monday 5th			Since we have had this light
9						weather a number of fur seal
10			April			have been seen large and
11						small asleep upon the water
12						and apparently "at home"
1			East Long time			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 40 2 North no Long

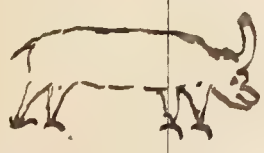
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of April 1880
1						Light westerly airs and calm with
2						Smooth Sea Under all Sail
3			Monday 5th			S W by W ½ W Employed various duties
4						took Dingy in fitted outside
5			April West Long			hoisting Davits and put her out-
6						over the Stern again. Saw a
7	6th		April Tuesday			finback. a fur Seal and
8			West Long			killers Afternoon Moderate
9						West winds and Cloudy
10						
11						
12			Sat 2 full and one			
1			two thirds full bunch			
2			of fresh Cabbage in the			
3			fore peak			
4						
5						
6						
7						
8						
9						
10						
11						Lat 40 - 57 Meridian
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Honolulu towards Jehrings Inlet

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of April 1880
1						A Moderate S.E. wind cloudy
2			Tuesday 6th			weather and smooth sea
3			April			under all sail S.W. ½ W.
4			West Long			Employed making double sail
5						double fitting bars for dings
6			Wednesday 7th			ding Saw finback. Afternoon
7			April			fog with falling barometer
8			East Long			wind veering to the westward
9						At 6 P.M. had a rain shower
10						& handled into the S.W. reefed
11			An addition of			reefed sail to double reef
12			six fine pigs			and courses heading on
1			to our live stock			the wind S.W. & W.
2			Total 16			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						



One of this litter of pigs was formed shapen
exactly as in the above drawing
with a trunk like an Elephant
growing out of his forehead
It was found dead beside his mother

Lat @ Meridian 42-58 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of April 1880
1						A fresh breeze from the S.W. through
2						the night At 4 P.M. wind backed
3			Wednesday 7th April			into S.E. wore ship from S.W. & to
4			West Long Reckoning			S.W. by S ½ S daylight Moderate &
5						clear Increased Sail from double
6			Thursday 8th April 8th			reefs to M.C.G. Sail Afternoon
7			East Long Observation			wind veering to the Eastward and
8						freshening. Saw finbacks &
9						weather Cool Therm fell from 58° yesterday
10						to 42° Shr today @ dark blowing fresh
11						reduced sail to double reefs
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Lat 44 14 N Long 176-21 East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Gebrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of April 1880
1						
2			Thursday April 8th			Blowing fresh from the East with
3			West Long Time			rain throughout the night & forenoon
4						reduced sail to double reefs and
5			Friday April 9th			foresail at 12 M wore ship to
6			East Long Time			the West and cleared up
7						set jib staysail and one reef
8						out of M topsail steering W by N
9						Ent In setting new fore topsail at
10						dark reduced to double reefs and
11						storm sails weather threatening
12						and a low barometer
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 46:57 N Long 174 57 East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of April 1880
1						
2			Friday April 9th			A fresh gale from the SE with
3			West Long Time			show squalls and sunshine
4						between under double reefs and
5			Saturday April 10th			foresail & W by N until 12 M then
6			East Long Time			N W afternoon wind increasing
7						bar falling to 29-04 ship rolling
8						heavily all dark reduced to double
9						reefs again wind veering to the
10						South & and ship rolling more than
11						ever
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 49:25 N Long 172:37 East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of April 1880
1						A fresh gale with heavy confused
2			Saturday April 10th			sweel and snow squalls wind
3			West Long Time			from S had veered around to W
4						by 4 A M set foresail and one reef
5			Sunday April 11th			out of M T sail at 12 M wind W W
6			East Long Time			moderating wore ship to the N. N. E.
7						at 4 P M wind W.S.W. heading N
8						occasional snow squalls.
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 50. 23 N Long W/ 1-50 East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of April 1880
1						
2			Sunday 11th April			Daylight- Moderate West wind and
3			West- Long Time			pleasant- Increased sail to M T
4						G. sail steering S.S.W. Midday
5			Monday 12th April			wind S E with snow afternoon
6			East- Long Time			raining 4 P M wind veered to
7						S.W. with thick weather and
8						increasing wind. At- 7 P M
9						blowing a gale reduced sail to
10						Double reefed M T sail and storm
11						sails and wore ship to the South
12						wind increasing W.S.W. Several
1						times submerged we saw land
2						to the S.S.E.
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Imperfect Lat 51-40 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of April 1880
1						All through these 24 hours hove to under storm sails in a heavy W.S.W. gale with hail squalls & Sunshine between - A tremendous Sea running heading S. Saw distributed Specis of Right & "Finback" whales
2			Monday	12		
3			Tuesday	13		
4						
5						
6						
7						
8						
9						
10						
11						
12						

Lat 57-33-N Long 167-42-E

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of April 1880
1						Still hove to under storm sail as Yesterday in a heavy W.S.W. gale heading to the South Afternoon wind and Sea somewhat subsiding Hail and Snow Squalls not as frequent - or abundant - Barometer slowly rising Saw Finback Whales
2			Tuesday	13		
3			Wednesday	14		
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Lat 57:22 N Long 163-37 E

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Honolulu towards Behrings Sea 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of April 1880
1						At 12 Midnight the wind and
2			Wednesday 14th			sea had subsided sufficiently
3						for us to wear ship to the W.W
4			Thursday 15th			and set kettle reefed T.G.sail
5						at daylight set courses and
6						by 10 a m had increased sail
7						to singly reefs and all fore &
8						Aft Sails. at 9 a m saw the
9						Island of Agattoo N by E mile
10						and at 2 P M saw Atton Likl
11						N. 30 Miles. weather during
12						the day Moderate with Snow
1						Squalls thunder & lightning
2						at dusk the South End of Agattoo
3						bore N E 25 miles. but being
4						much snow upon it through
5						the day wind S W by W stiff
6						& W by W at 8 P M nearly calm
7						
8						
9						
10						
11						
12						Lat 57=17 N Long 172=40 E

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of April 1880
1						Moderately Westerly winds with
2						Snow Squalls towards all sail
3			Friday	15th		on the ship to the W.W. at
4						daylight. sighting 15 Miles of
5			Saturday	16th		"Attoog" Island North point N 20
6						Mile stood on the same towards
7						it until 8 A M when we wore
8						ship to the South and sent 2
9						boats to fish at 11 recalled the
10						boats had 2 Red groupers only
11						no fish here. Thick Snow Squalls
12						with hail during entire day
1						afternoon baffling winds with
2						much Snow trying to work off
3						the land to the Westward
4						a long line of broken water &
5						rocks which extends off the
6						South End some 8 miles N & W
7						Ship makes considerable water
8						since the gale have to pump
9						every 4 hours a good spell &
10						the Starboard pump to almost
11						incessantly
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Sea 1850

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of April 1850
1						Light-baffling Westerly winds with
2			Friday	16th		thick Snow Squalls Underall
3						Sail working off shore a heavy
4			Sunday	18th		Swell from Northwest quarter
5						At 10 A M calm and clear
6						South West end of Attow Island
7						S 28 E 25 Miles Calm all day
8						found a leak next to Starboard
9						Post well down. This seems plan
10						She leaked last season —
11						Afternoon considerable Swell
12						No wind and light Squalls
1						falling frequently — Employed
2						pulling this Deadly butt —
3						
4						
5						
6			Found a leak next			
7			to Starboard Post — thinks			
8			2 Ft underneath the			
9			sheathing — —			
10						
11						
12						

No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of April 1850
1						
2			Saturday	17th		Calm with heavy Swell N to
3						11 P M the light SE wind until
4			Monday	19th		daylight - when it came to the
5						Nord Storm and commenced
6						blowing on a gale by 10 A M
7						had reduced to close reefed
8						M. Topsail and Storm Sail
9						Steering N N W. At 12 wind com
10						veering to the N blowing heavy
11						with high Swell at 4 P M
12						moderating fast — and clearing
1			Then on deck 32 Souls			up — wind N heading W N W
2			" Sea water 36 "			@ 12 Midnight — wind hauling to the
3						N W more ship to the N & E —
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Honolulu towards Cape "Olyontrosky" 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of April 1880
1						
2			Sunday	18th	April	At daylight wind fresh from the S & W bearing to the West'd Lee known
3			Tuesday	20th		and light hail squalls heading
4						from W S by W to W by S at sunrise
5						10 a M Moderating and Sea
6						subsiding set fit mainsail &
7						M. T. M. Staysail - saw "Alton"
8						Island Bobby End 6½ P.M. @ 8 am
9						60 miles. To day has been the
10						coldest - we have experienced
11						Thermometer indeed 31 Fahr
12						
1			Temperature air		31	
2			" Water		34	Fahr
3						
4						
5						
6						
7						
8						
9						
10						
11						No Observations Sun Obscure
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of April 1880
1						
2						Fresh Westerly wind & puffs with
3						snow & light - am Morning and
4			Monday 19th			cold air Afternoon clear Sea
5						Moderate under double reefs &
6			Wednesday 21st			all fore and aft Sails & course on
7						the wind from W by W to W by S
8						Saw Finbacks and a few gulls called
9						"Northern Auks".
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat - 56 - 13 - N Long 171 - 30 East
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Cape Olgontorsky 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of April 1880
1						
2			Thursday 20th			Moderate Westerly winds & puffs
3						gradualy subsiding and quite a
4			Thursday 22d			Swell from the S & W the wind
5						under double reefs and course
6						with all fore & aft-sails set & lyg
7						At 5 A M made all sail &
8						Main Royal. Sea smooth and
9						clear pleasant day Saw many
10			Temperature air		34	common gulls and 2 Sulphur
11			Do Water		31	bottom whales just at night a
12						little Snow bunting around the
1						ship At 7 P M wind light from
2			Barometer	31	8	S W. No signs of any dead
3			Slowly falling			
4						
5						
6						
7			Ships leaks @ the rate			
8			of 1000 strokes in			
9			the 24 hours — quite			
10			enough & thinks —			
11						
12						Lat- 51°-56 N Long 172. 26 E.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of April 18
1						
2			Wednesday 21st			All through the night and day
3						a light winds from SW to SE
4			Friday 23d			hauling gradualy around weather
5						quite mild but overcast sky
6						No sun visibly today steering
7						S by W under all sail Saw several
8						Sulphur bottom whales many gulls
9						of both species a few cross Bill Ducks
10						some Divers and some small
11						Penguins .. Busy in fitting the
12						Rubber room planking. By dead
1						reckoning Cape Oakhagitsk dist-
2						40 miles @ 7 P M when we hoped
3						W S W to make with some land from
4			Lat by D R	59.40		East = I am much surprised @
5			Long	172.40		not finding Ice here as this is
6						the first Season of Ten I have
7						not found it but I have heard
8						been here so early before
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards "Cape Navarin" 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of April 1880
1						
2			Thursday	22		At 9 PM yesterday came up with
3						scattering Ice reduced sail
4			Saturday	24th		and laid aback until daylight
5						when made all sail to the
6						by & westerly light east wind with
7						cloudy weather Employed
8						Starboard Bow Boat Saw much
9						scattering Ice but no pack
10						Saw Sulphur bottoms finbacks
11						and Gray Puses Afternoon
12						wind SE & first took in Mizy
1						sail At 2 PM saw the land
2						to North of Algerdooby at 7
3						PM was nothing to South of 2
4			Saw first Bowhead			small islands or Rocks but the
5						light north of Tachagnisky we
6			Whale			Lahina sent our first bowhead
7						going quick there came both &
8						Lanced without success put
9						out S S Boat
10						
11						Lat 60 = 20 N. Long 171 = 19 East
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23 day of April 18
1						
2						On four lown tacks during the
3			Friday	23d		Night - At 9 a M tacked to the E.S.E
4						wind light & E clear weather
5						Land Some 20 miles to the
6						S & of last nights position
7						then distant 4 miles No See
8			Employed as	32		along shore here but small ships
9						Some 5 miles further S E of
10						light See - Saw whales spouting
11						but not lowered Saw boats but
12			Bar 30.01 - 20			them proved to be Sulphur bottoms
1						boats recalled - Saw Several
2						flocks of Brant Geese and
3						Eider Ducks going to the S E and
4						a shoal of Porpoises - Still
5						on diff tacks with light baffling
6						S E winds during afternoon
7						At 7 tacked to the S. and
8						Set 20 Miles Set out large
9						crossing Stage —
10.						
11						No Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Lake Algonkonsky towards Lake Navarin 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24½ day of April 18
1						Calm and light baffling NE
2						wind throughout this night - on
3			Saturday 24			diff tacks under all sail during
4			Standard 25°			day gloomy overcast sky fresh &
5						light baffling wind with snow
6						& tiny Land from 3 to 20
7						miles as we stood in and
8						off on different tacks working
9						along shore Sounded in 5 fathoms bottom
10						and 2 hauls of Trunk Bass Stile
11						at - 8 P M in dec Lat by log to the NE
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 60-35-N No Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of April 1880
1						Moderately NE winds cloudy
2						weather and Snow Squalls
3			Sunday 25			during the night - under all
4			Monday 26			sail on diff tacks working
5						to the Eastward At 7 A M calm
6						set to light Lee shore the land
7						bearing NE some 10 Miles dist - Lee
8						seemed to trend along the shore
9						to the E with the trend of the coast
10						to thicken an atmosphere to see
11						clearly - during the day on
12						diff tacks with Snow Squalls
1						thick fog and increasing wind
2						& swell furled light sails double
3						reefed the Topsails during
4						disagreeable weather throughout
5						At 8 P M wore to N.N.E and furled
6						Mainsail
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Olgontorsky" towards Navarin 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of April 18
1						
2			Monday 26th			A strong East gale with snow
3						and dark cloudy weather
4			Tuesday 27th			standing to the S.E. from 8 P.M.
5						yesterday to 12 M. to-day and
6						averaging 3 miles per hour
7						@ 12, wore to S.W. @ 4 P.M. wore
8						to S.E. under treble reefs and
9						storm sails weather very
10						disagreeable cold with sleet
11						and snow no sign of
12						demarkation visible
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of April 1880
1						
2						A strong East gale with high
3						confused sea Under bobby reefed
4			Tuesday 27th			M.T. Sail and storm sails heading
5						S.S.E. during night wind increasing
6			Wednesday 28th			fore and main staysails
7						A thick snow storm throughout
8						very disagreeable cold wet weather
9						Ice forming all over the rigging
10						Afternoon more moderate weather
11						as much snow falling or so high a
12						Sea running wind tending to
1						the S.E heading E.S.E.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Whaling Grounds 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of April 18
1						A subsiding East-gale with thick gloomy weather air full of snow hove to under storm sails & reefed M.T. sail. Abed heading N.E. by E. @ 12 M it cleared up some at 12.30 bright sunshine moderate wind but high swell wore ship to the S.E by E wind veering 2 or 3 points Easterly set reefed fore topsail jib M.T.M staysail and course. At 4 P M snowing again with increasing wind furled Mainsail foresail jib & M staysail and wore ship to the S.E.
2			Wednesday 28 th			
3			Thursday 29			
4						
5						
6						
7						
8						
9						
10						
11						
12			Bar 29.00-50			
1			Temperature air 34°			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						By 1 set aft Sunset
12						Supposed position 58.20 172.30 East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of April 18
1						A strong East-gale with thick snowstorm under double reefs and storm sails to the S.S.E until 4 a m when it cleared up some wore to the S by E @ 9 a m thick snowing again wore to S.E at 11.30 it cleared off sun came out bright saw patches of blue sky for the first time since a week past wore to the S by E again and set courses saw many birds a large portion of a tree drifting and a fur seal. @ 4 P M thick fog strong breeze again tending more to the S wore ship to the S.E.
2						
3						
4			Thursday 29 th			
5			Friday 30			
6						
7						
8						
9						
10						
11						
12			Bar 29.03-50			
1			Temperature air 34° Sabo			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 59=32 Meridian Ino Long
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Whaling Grounds 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of April 18
1						A fresh N E gale with snow
2						during night. Have [illegible]
3						1st jib and Fm T. M. Stay sail
4			Friday	30th April		heading E by S fore reefs blowing
5						on again & furled them and
6			Saturday	1st May		the courses. Dense snow falling
7						constantly @ 5 PM wore to the
8						S W at 6 cleared up so we
9						can see 7 or 8 miles - weather
10						cold sea confused and high
11						ship pitching and rolling
12						uncomfortably - decks wet and
1						everything about as disagreeable
2						as I wish to see
3						
4						
5						
6			Temperature air 32° Fahr			
7						
8						
9						
10						
11						
12						Lat by Inspection 39-06 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of May 1880
1						
2						Still a N E gale with high sea and
3			Saturday May 1st			air full of snow under treble reefed
4						topsail and storm sails N W by N
5			Sunday May 2d			at 5 A M more moderate set jib
6						M. T. M. S and course thick
7						snow squalls @ times cold
8						raw air and wet decks constantly
9						at 12 M wind increasing took in
10						jib and spanker under
11			Temperature air 32°			throughout up to 6 PM when it
12						cleared up saw they land from
1			Barometer 30-01-00			N to W 30 miles at 7 PM abt E
2						E S E
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat - 60-00 Long 172 30 E

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Honolulu towards Behrings Straits

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of May 1880
1						A Strong N E gale with high
2			Sunday	2d May		sea ahead blown through the
3						night heading E.S.E under reefed
4						courses and storm sail
5			Monday	3d May		at 4 a M wore ship to the N W
6						during forenoon wind Moderate
7						and weather clearing up
8			Pos 30-03.00			Saw land to the W N W @ 9 a M
9						by ½ M had all sail set-
10			Pos 33 Obsn			ted for the first time for 7 days
11						remainder of day clear pleasant
12						but cold at 7 P M light airs
1			From the position of			from N E by N were shaped to the
2			the ship and the			E by S land dist 15 miles from
3			relative bearings of			nearest point and bearing from
4			the land. Either my			W.S.W. (Cape Olowaputka) W by W to
5			Chronometer is 30			N E by N
6			miles too far West			
7			Or my General chart			Ensign set all day in honour of
8			has not a correct			Mrs G. W. Bartlett (natal day
9			defined coast line -			
10						Lat - 60 - 20 N Long 171 - 48 East -
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of May 1880
1						
2			Monday	3d May		Moderate N E wind clear and cold
3						through the night heading to the
4			Tuesday	4th "		E S E. under all sail at 6 a M wore
5						to the N N W. Land from W by N
6						to N N E. and nearest land 25 miles
7						This land completely covered with two
8						Forenoon calm clear & pleasant
9			"	"		but sudden chains on for dec
10			Long by Goodhaven 8 day			sailing saw grampuses a few sea
11			chron 172 - 19 East			and many birds @ 1 P M a
12			"	"		light air from S W. wore N N W. 8 knots
1			Long by Goodhaven 1 day			all sail
2			Chron 171 - 48 East -			
3			Said to be Error - this			
4			first I think right			
5						
6						
7			Pos Bar 30 - 03 - 00			
8			Obsn Meridian 44 Sah			
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Dakagahinsk towards Cape Behring 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of May 1880
1						
2						A light S W wind clear weather and
3			Tuesday 4th May			very cold throughout the night day
4			Wednesday 5th May			clear and pleasant steering N E ½ E
5						@ a distance of perhaps 20 miles
6						from the land following the
7						trend of the coast saw a small "Point"
8						I de Inshore a few miles in extent
9						but not sufficiently large to alter the
10						course to examine. A finback
11						and many Crow Bill Ducks. Hauled
12						all sails round the same way as
1						ourselves. Every available sail set but
2						fore topgallantsail. Towards evening
3						wind West light Cape "Oponkhinsky"
4						N N E 25 miles @ 8 P M saw a light
5						Ship of De Inshore bore E ½ E
6						
7						
8						
9						
10						By "Prodsham" 8 day Chron
11						Sat @ Meridian 60=01 N Long 173.54 E
12						" " 4 P M 60=05 " " 174=21 E

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of May 1880
1						
2						Light N W airs clear and cold
3			Wednesday 5th May			steering E N E under all sail
4			Thursday 6th "			At daylight bore N E wind fresh
5						and clear from East S E. at
6						10 A M saw a sail to the N E
7						at 11 saw 2 more @ 12 spoke
8						Steam Brig "Siberia" of Glas
9						gow Bound for Penrith S E
10						at 2 P M lowered a boat for
11						Schr "Alaska" of and from
12						San Francisco - Same sch
1						"Lolita" and saw with N E the
2						brig and Lolita steering with
3						S W afternoon calm Schr light
4						Lee to the E ½ to E and Cape Navarin
5						N E 60 miles at 4 P M a light
6						W N W wind steering N by E the
7						Alaska in co: Same Walrus
8						Seals and Finback at 8
9						P M boat returned from Alaska
10						stood N by E until dark calm
11			Lat 61=38 N			and attack steering
12			Long 177 50 E			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Algonkoskz towards Cape Jehning 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of May 18
1						All through the night a light
2						N.E.N. wind and clear Steering
3			Sunday 5th May			E by E under all sail the "Alaska"
4			Friday 6th "			Inf Co at daylight came up to
5						Seven ships of Dec passed through
6						them and ran until 12 M
7						when we came up with the
8			Cape Navarin		E by E	Whaling fleet of 17 vessels
9			30 Miles and			Gammed with the "Pacific" "Dawn"
10			the Path Lee 2 Miles			"Thomas Pope" "Norman" "Eliza"
11			off	Force 6	E by N.	Hunter & "Fidelity" 2 ships in sight
12						bowing they the "Progress" & "John
1						Howland" each 2 whales the
2						Thomas Pope and Hunter have
3						each got 1 making 6 whales
4						In all taken by the fleet the
5			Shaping to Bering			steamer Mary & Helen Capt Brown
6			Sea "Pacific" potatoes from			has gone East the Dec is the
7			last Yokohama			last out of sight- several ships
8						have had boats down today
9						but we have seen two whole
10						all the fleet but the "Thomas
11						Pelsney" are here and the first
12						whaling commenced 24th of April

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of May 18
1						Aback all night- along edge of ice
2			Friday 7th			with light- to E wind and clear
3						at 6 A.M. Cape Navarin bearing
4			Saturday 8th			E by E 10 ships of us but two
5						back and worked with variable
6						as possible afternoon light W
7						airs with Much snow falling
8						@ 9 P.M. the Cape disappeared in
9						the gloom some 12 miles off
10						shaping night cleared up and
11						a strong wind blowing off
12						reduced sail to topsails
1						at 1/2 P.M. Ice opening worked
2						into the Eastward
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						To Starboard

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape "Algonquin" towards Cape Lehunz 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of May 18
1						
2			Saturday 8th			A S.W. gale and a heavy sweel
3						in the Ice working Up to the
4			Sunday 9th May			S.E. during the day and @ one
5						time had sixty hand work to
6						avoid the "Norman" & a Berth
7						to Windls in sight from the Ice
8						but too thick to See the land
9						some 7 or 8 miles remained
10						outside & did not take the Ice
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of May 1880
1						
2						
3			Sunday 10th May			A Imbriding S.W. gale & clear
4						In Pack Ice, Open Ice leads
5			West Long again			running all possible sail
6						and working In to the S.E
7						close reefed Fore topsail & fit
8						nearly all day 12 Sail In
9						sight Ice heavy and light
10						a heavy sweel rolling In from
11						the South at 7 P.M. clear
12						& a stiff S.W. gale
1						Seen the "Skogstjerna" Steering
2						his line from Bowhead whale
3						and the "Norman" steering same
4						& cut him, aback on diff
5						tacks In this clear water all
6						sight of "Ohio" "Lectonia" and
7						"Polar Bird" carried away
8						the fore Stay Made a wobel
9						one put Harness and In 1 hour it
10						was used up
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Behrings Sea" towards "Arctic Sea" 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of May 1880
1						Calm with light snow storm all night - throughout the day clear with light S'ly airs steering to the N'd through thin ice field sometimes packed close at others in open leads of water of small extent - but all ice seen is very light & has been since we first entered it - also in broken heaps of small extent not a piece seen of the area of this ships deck - The "John Howland" ahead some 5 miles and 7 ships were this morning astern but 7 P M we had left them all but one out of sight - Land in sight since 12 M N by E ½ E - dist 30 miles - saw many seals, Whitefish and ducks - sent our first "Swallow Tailed ducks" to day - their familiar notes recall the remembrance of my sojourn at "Plover Bay" in 1876
2						
3			Friday 14th			
4						
5						
6						
7						
8						
9						
10			The land seen is I think that of "Plover Bay" but where are the whales?			
11						
12						
1						
2						
3						
4						
5			Lon 30-03.00			
6			Ther 37 Fahr			
7						
8						
9						
10						
11			No Observation Sun Obscure			
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of May 1880
1						Calm through the night - On the back of light broken ice - @ 2 A M wind light from S'd with light fall of snow at 5 A M cleared up all light sails and settled topsails on the cap - the "John Howland" 5 miles to the N and land bearing from N by W to S W by W dist 25 miles saw Whitefish several times a few seal, Geese & Ducks calm and light baffling airs through the day @ 7 P M a light S'ly air ran through open leads and scattering ice towards the land until 7 P M we came into close ice again saw "St Lawrence Island" in the distance bearing East - the nearest land 20 miles dist which I call West head "Plover Bay" bent the port chain cable and got the Anchor ready "John Howland" E 4 Miles 4 others visible only ~~in sight~~
2						
3			Saturday 15th			
4						
5						
6						
7			Ther 39 Fahr			
8			Bar 30-04-00			
9						
10						
11						
12						
1						
2			saw what we called			
3			smoke from either the			
4			steamer "Mary Helen"			
5			or a ship boiling as			
6			far as we can see to			
7			the N W			
8						
9			Saw a solitary Walrus			
10			on the ice @ a distance			Lat 64 00 N Long 173-38 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape "Fehring" towards Flower Bay 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of May 18
1						A light S'W air throughout the night
2			Sunday 16th May			under all sail working through the
3						pack to the W by S @ 4 a m wind
4						veered to West- bldy out to a calm
5						with snow falling have come
6						into a pack of heavier Ice than any
7			Lat 29-02-00			seen yet- and very close. ship
8						about Immovable. Horizon &
9			Obs 38 Sights			distant objects obscure Saw the
10						ft @ 4 a m W E by E 5 miles. calm all
11						day with snow falling. @ 6 P M
12						wind shifted suddenly from W to
1						S E and commenced blowing fresh
2						cleared up and packed everything
3						heading S.W a thick snow storm
4			Saw several Walrus			
5			on the Ice @ a			
6			distance			
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of May 18
1						A fresh S E gale with snow Lying Ice
2			Monday 17th			pack Ice with everything Iced and
3						drifting to the S W quite 1 mile per hour
4						@ 2 a m wind veered to the South
5			Coldest day of the season			and cleared off Land bearing from
6						S W W to N W by W nearest point 30 mile
7			Lat 30-04-00			no sight of the "John Howland" Ice
8						packed with open leads in sight
9			Obs 22 Sights			any very heavy considerable Ice
10						formerly all over the ship an
11						open lead about 1 mile to the leward
12						of the ship of considerable extent
1						Saw @ 5 P M a Bowhead one
2						rising going quickly S E. tried
3						to force the ship into it but the Ice
4			5 P M			is packed to close have drifted
5			Saw a Bowhead going			away to the S considerable 1 day
6			quickly S. E-			@ 6 P M judged it to be 45 miles
7						@ 9 P M. saw a Bowhead in a ship
8			9 P M			of clear water to the N.W- of us have 5
9			Saw a "Bowhead" to the			rising as it was all packed Ice
10			S W 3 miles still and			between him and the ship could not
11			"Log heading"			go to him
12						Lat @ Noon 63-33

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Adaverin" towards Shore Bay 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of May 18
1			Tuesday 18th May			All through these 24 hours under
2			In the pack Ice			"bare poles" In the pack Ice In a
3			In a North gale			strong gale from the N.N.W.
4						dark gloomy weather horizon
5						obscure and fine snow falling
6						@ times. The Ice seems to hold
7						firmly although neither very
8						heavy or in large pieces. as the
9			Bar Aneroid 29 08 and			ship makes scarcely any drift past
10			gradually falling			the enclosing pieces. I could see
11						nearly motionless heading W by S.
12			Ther @ 12.30 A.M. 19 Sats			off the port bow some 3 furlongs a
1			" @ 7 30 P.M. 28 "			this same lead of clear water
2						we saw this whole in last night
3						although to leeward it is much further
4						off and makes away into the N.W
5						where it is lost in the distance
6						and surrounding mist. only a
7						few Burgomaster Gulls have been
8						seen to day. how much longer
9						this is to last God knows not but we
10						must be drifting with the pack
11			No Observations			rapidly to the S. as outside the influence
12						of this Ice. this would be a heavy gale

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of May 18
1						
2			Wednesday 19th May			At 2 A.M. they Ice relaxing its pressure we
3						were forced sideways into this strip of clear
4						water to the South of us that has been so
5						near this past 2 days. steering to the East we
6						were soon fast in the Ice again and
7			Bar 29·08·40			at 6 A.M. no signs of open water was
8			Ther 34 Sats			visible in any direction. they wind since
9						this morning had veered from N.N.W to
10						N.E. and of not so much force. the
11						sky has that glare from the Ice blink
12						that renders distant objects obscure and
1						pains the eyes in the attempt to pierce
2						the gloom. No snow has fallen since
3						8 A.M. and we lay immovable in
4						compact Ice with scarce a vestige of
5						water to be seen. All sails are furled
6						and our head is to the E.S.E
7						
8			In Pack Ice			3 months from San Francisco and
9						not a single whale!!!
10			No Observations			
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Hard Luck" towards "Isolation" 1882

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of May 18
1						In solid pack Ice with a motionless
2			Thursday 25th May			ship under bare poles not a
3						movement of the elements except
4						the wind which is N.E. and gradually
5						subsiding. A leaden tinged sky with
6						the glare of Ice everywhere and an
7			Jan 29=09 Henry			occasional light fall of Snow
8						no clear water in sight from the
9			Thos Lee			masthead in any direction but
10						from E to N away in the distance
11						some 6 or 8 miles are several groups
12						of Walrus on the Ice. widely scattered
1						a few seal and less birds have been
2						observed today — Away in the N
3						hovering over the Ice horizon is a belt
4			Ship heading NEby E —			of light fleecy clouds with a faint
5			and in the Immovable			glimpse of blue sky some 12 degrees
6			grips of King Thos —			in altitude. indicating better weather
7						in that direction and probable change
8						of wind. but here at time of writing
9						7 PM large flakes of snow are falling
10			In Pack Ice			nearly vertical as there is scarce any
11						wind. Sounded in 37 fths found a GE
12			No Observations —			current of quite 1 knot —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of May 18
1						
2			Friday 21st			In solid pack Ice Immovable. wind
3						light E N E tending to the westward
4						& eastward quite clear. Sun out @ times
5						bright on the whole quite a pleasant
6						day. the Ice although of small pieces is
7			Mer 30=00=20			firmly packed together and this
8			Mer 38 Morning			afternoon with quite a breeze from the
9			" 56 Noon day			W & N W we set whole topsails & foresail &
10			" 38 Evening			sailed to move her one knot. from
11						E N E to N N E a dark horizon blends
12						that the clear water is in that direction
1						and not far distant. to the West
2			In pack Ice			there are several pieces of very heavy
3						Ice looming up among the sunkenly
4						"pitted" hilly small Islands. a number
5						of Walrus observed in various direction
6						no seal have been seen today but a
7						flock of 19 large wild geese passed us
8						out of gunshot on their way North
9			Lat 62 55 North			and at 5 P M we saw the
10			Long 174-18 West			reflection of the sun on the snow covered
11						hills of St Lawrence Island East 70
12						miles distant —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Haverin towards The Pack Ice

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22 day of May 18
1						
2			Saturday	22d May		A light- southerly air and cloudy weather. No land visible to day all sail set except- staysail and courses but- there is not a move on the part of the ship- the same pieces of ice that have enclosed us for the past 4 days are still hoping against the sides but are gradually growing thinner. A fish being the only open space around us shows that there is a depth of about- 40 fathoms and also that to Right- there is a S.E current of quite 1 mile per hour from S.S.E to E.S.E. the "Walrus Bay" comfronts us and from the "Crows Nest" @ a distance of 10 miles perhaps, with the glass we can see they been making to the S.E. but we cannot move in this "ice pack" and are patiently awaiting release groups of Walrus and a few seals at long distances were observed. a little "Snow Bunting." the Gulls have all disappeared
8			Jan 30=02=00			
9			Thur Midday 48 Fah			
10			7 P.M - " 40° "			
11						
12			No Observations			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of May 18
1						
2						A light- N.W.W wind & cloudy weather all square sail set but Mainsail and the ice still holds us fast- in its immovable grip — by much effort and the aid of the windlass we moved her about- 20 ft —
3			Sunday 23rd			A few gulls observed and a band of current- seems to set either N.E or S.W @ diff times quite 1 mile per hour but no sign of the opening all
4						
5						
6						
7						
8						
9						
10						
11						
12			No Observations			One fine wood growing Seal- have had no sign in nothing Cabin or forecastle to day —
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From ~~In Solid~~ towards ~~Park Pier 1880~~

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24 day of May 18
1						Light-fall of snow through the night-. Throughout the day calm and light-baffling and wet & cloudy weather. In the Evening light S E wind. No Ice visible today a few gulls and several Snow Buntings around the Ship no apparent change in the Ice the current in the same as the previous day to the S E. Midday Evening S E - Hope much longer we are to be in this Infernal trap there is no fun attending
2						
3						
4			Monday 24th			
5						
6						
7						
8						
9						
10						
11						
12			Observed our Latitude by one hand today			
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of May 18
1						Light-fall of snow through the night- a light S W wind and cloudy weather all Sail set and jibs and we cannot budge her one foot- cannot see nothing to the N & think several little Snow Buntings that have come aboard during the night have died No Seal or Walrus seen today
2						
3						
4						
5			Tuesday 25th May			
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ In solid Pack Ice ~~towards~~ In solid pack Ice 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of May 18
1						A light fall of Snow through the
2			Wednesday 26th			night and cloudy weather all
3						day with gusts of breeze from the S&E
4						but try as hard as we do to move the
5			Provisions on board			ships we cannot they Ice has a
6			to date			grip that they seem on chance of
7						after releasing us - Broke out
8			Bread 9 casks 7416 lbs			this afternoon hold to day to find out
9			Flour 6 " 166 gunnies each			what provisions we have and
10			Butter 3 Barrels			shortly back again - The water
11			Vinegar 16 - do			sky to the Southward of us all
12			Molasses 22 - do			this time - A few Gulls only
1			Beef 26 - "			seen to day
2			Pork 46 - "			
3			Hams 2 - "			
4			Beans Tea & Rice 1 cask			
5			Sugar Tea do 1 "			
6						
7			All Stores in lower hold			
8						Imperfect Lat 63 00 S
9						
10						Do Long 174 - 48 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of May 18
1						A Moderate S W wind and cloudy
2						weather with occasional fall of
3			Thursday 27			Snow - All hands said set
4						during the day by the aid of 2
5						Boat Anchors for Ice hooks and
6						Cutting falls lines we managed
7						to pull her through the Ice to the
8						SE about 10 miles lengths and
9			Jan 30 - 02			then we stuck again Evening
10						quiet a full of soft Snow
11			Thur 36 Tabs			@ 9 P M wind & W cleared up all
12						sails
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ In Pack Ice ~~towards~~ In the pack Ice 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28 day of May 18
1						
2			Friday 28 May			A N.W. wind cold and moderate
3						Ice forming fast everywhere in the
4						solid pack & with all sail clewed up
5						At 10 A M sun out bright and warm
6						with light airs from W.N.W. Made all
7						sail at 11.30. A M the Ice opening
8						we steered to the S.E and ran through
9						the Ice by dint of Much pushing
10						until 5 P.M. when we again struck
11						fast having made quite 12 Miles
12						today @ 7 P M open leads in the
1						Ice in different directions wind
2						light W.S.W. the "Waters sky" still in
3						sight to the Southward
4						
5						
6						
7						
8						
9						
10						Lat 62 = 50 N
11						Long 173 - 36 West
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

In open leads of water amid Ice

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29½ day of May 18
1						
2						At 12 Midnight - the Ice commenced
3						opening and by 7 A M we had
4			Saturday			made 12 miles to the S.S.E with
5						a light S.E. wind at 8 A M we came
6						to quite open water passed through
7						a strip of Ice to the S.E and then
8						the wind hauled S.E - we only
9						came out for the most of the
10						All through the afternoon heading
11						to the S.E between strips of Ice
12			Saw several "Bonhead			from the masthead at 4 P M
1						open water was seen as far as
2			"Birds" - first we have			we could see in that direction
3			seen - and quite			At 6 P M foggy - furled t'gallant
4			a number of walrus			sails & courses
5			on the Ice			
6						
7						
8						
9						
10						
11						
12						Lat 63.06 N Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ In open leads ~~towards~~ amid Pack Ice

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of May 18
1						All through the night working
2						In to the N.E. on diff tacks
3						Through the forenoon running as
4			Sunday 30th			said very foggy at times and
5						hardly find our way but
6						sounding by 12 had reduced
7						double reefs @ 1 PM wind out
8						N moderate and gusty clear
9						Made all sail worked into the
10						N.E through a narrow lead but
11						much open water. How many
12						"Ripsack" or "California Gray
1						Whales and about seventy &
2						faintly visible through the gloom
3						also Island bearing N to W.
4						Saw a number of Seals in the
5						water and many Bonhead Birds
6						during the forenoon
7						
8						
9						
10						
11						Lat Syenite
12						Long 172-20

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of May 18
1						A Moderate NE wind and clear
2						under all sail working in the
3						clear leads amid scattering ice
4						to the N.E. At 9 A M Island of
5			Monday 31st			St Lawrence Island E by N 10 mls
6						At 10 A M passed through the last
7						strip of ice into clear water to the
8						N.W. Saw "Slowe Bay" bearing N.W.
9						at 4 P.M was within 5 miles of Go
10						head headland. Spy Steamer
11						"Mary & Helen" @ anchor here with
12						out whale. Spy "Bowlen" "Helen Jane
1						and "Francis Salmon" all here
2						through the night-light baffling winds
3						and calms trying to get to the East
4						Head" @ Noon NE wind & thick
5						foul weather foot of foretopsail and
6						fore staysail on
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape ~~Ephraim~~ Thaddeus towards "Plover Bay"

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of June 18
1						Light-baffling winds and calm working Sts East Head Wabert
2						foretopsail and bent another
3			Tuesday 1st June			stunsail old one away for each
4						St wants repairing. At 12 M
5						Came to an anchor in 10 fms
6						water Sts on "East Head" S.W.
7						2 Miles. Hay Aleuman and
8						all they others vessel gone both
9						Eastward. went in with a
10						boat to get some of my traps
11						left here 2 years ago. got
12						nothing. but a little bone &
1						Ivory @ 7 P.M. got underweigh
2						for Anadir Set wind fresh
3						from S.E. and cloudy with
4						fine Rain
5						
6						
7						
8	Stopped 3 Natives					
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of June 18
1						A Moderate S.E. wind @ times
2						very light & steering along the
3						Land to the westward See
4						all along shore some 10 Mile
5						off from the land @ 8 A M
6						hoisted passing through a strip
7						of Ice seen that and saved
8						a Polar Bear. At 8 P M a
9						fresh breeze. spoke sch Catherine
10						Long" of Honolulu formerly the
11						"C. H. Ward" from London
12						bound to Ft Clarence
1						Island from Cape Behring
2						Sea Night strong winds
3						reduced sail to double reefs
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Ploverbay towards Cape Behring

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13 day of June 18
1						A strong N E wind with rain
2						Single reefed sail. Rounded
3			Thursday			Cape Behring at 8 A M run off
4						to the S E 13 Miles to the Lee ward
5						Nothing hauled up for Sig
6						Sand Spit at head of the Bay
7						at 12 M Saw 4 sail @ 5
8						Spoke Barque "Abiah Gardner"
9						Cruising her first whale taken
10						here. The Eliza has one also
11						and the Brig "Hidalgo" 2 all
12						taken here Monday & Tuesday
1						and the whales are all good
2						Now if this is not discouraging
3						I am no judge. Too late, Too late
4						constantly. It does seem as
5						though I never should
6						have any more luck. God
7						help us I cannot
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14 day of June 18
1						A fresh N E gale and clear
2			Friday			Under double reefs on
3						diff tacks along the land
4						Cape Behring @ 12 M Dist
5						12 Miles tacked to the N E
6						at 5 P M Capt McKinnon of
7						the "Atlanta" came on board
8						at 7 lowered 4 boats for a
9						Right Whale and chased to
10						11 P M wind Moderating
11						fast — Sounding 40 6 & 7 fths
12						bottom 3 Miles from the Land Spit

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Sandspit towards Cape Behring 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of June 1880
1						
2			Saturday			Calm Clear warm & pleasant
3						
4						afternoon light West wind
5			In Gulf of Georgia			Set Main Royal for Cape Behring
6						
7						leaving S.E. the "A. Barker" "Alaska"
8			off the Sandspit			
9						Hidalgo Inl to the Sandspit-after
10						
11						decks all day the "Eliza" working
12						
1						at 7 P M almost out of sight
2						
3						at 12 M M lowered two
4						
5						boats for a Rpsuck without
6						
7						effect-
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of June 18
1						
2						Calm and light westerly
3						
4						airs under all sail towards
5						
6						Cape "Behring" at 7 P M
7						
8						working 3 Miles Canoes off
9						
10						with Natives no trade
11						
12						through the night calm
1						
2						ship working 10 Miles of the
3						
4						Cape to the East- At 9 a m
5						
6						came from Behring settlement
7						
8						to the west all through
9						
10						the night calm
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Behring towards St Lawrence Island

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of June 18
1						Calm all night - at 6 a
2						m wind out from the
3						SE fresh Came from Cape
4						Rygheu " Lay 5 Miles off shore
5			Monday			Makes on to that cape worked
6						up with ship until we saw
7						we could not pass there then
8						ran back to Cape "Behring" an
9						Anchored 2a 6 fths water off
10						the Settlement "Alaska" Came
11						and anchored "Hidalgo" off
12						shore and much floating
						ice seems to be working

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Hs.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of June 18
1						Light baffling winds and
2						clear. Canoes off to ship Ice
3			Tuesday			came down by the Cape swept
4						around us and the current
5						took Us out again at 4 a
6						M got underweigh rounded
7						around the Ice to the Str and
8						worked up to the same place
9						as yesterday Canoes in further
10						on ap of Ice Laid aback and
11						Gamed with "Eliza" Above Baker
12						& Hidalgo

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Fehring towards Fehrings Straits 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of June 18
1						Light-Southerly wind cloudy
2						aback under mod [illegible]
3			Wednesday			on diff tacks [illegible] a head
4						of clear water 10 miles
5						off thro land. Cape Aghem
6						W B~ Miles dec all around
7						current go East except with
8						current = "Eliza" Hidalgo
9						& Bunker & "Alaska" dec ee
10						thy latter with 300 lbs Seal Lion
11						purchased for rum yesterday
12						Night-Fog

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of June 1880
1						Light-South'n wind with
2						Fog lifting @ times about
3						us diff [illegible] Land from
4			Thursday			3 to 5~ Miles dist~ but little Ice
5						[illegible] Afternoon wind
6						N.E. thro A B & "Eliza" out of
7						Sight~ all through this even'g
8						W~ to 12 M & working
9						through Scattering Ice
10						When we came to clear
11						working & made East
12						Land 5~ to 6 Miles dist

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Ray towards Ray & Straits of Belle Isle

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of June 18
1						Thick fog @ times lifting
2			Friday			with light SE wind under
3						all sail on diff tacks working
4						In to the SE Cape "Whalsper"
5						& SE. @ 4 PM to 6 or 7 miles
6						7 PM thick fog with quick
7						a swell from the South
8						The "Hidalgo" & "Alaska" only
9						have been seen to day &
10						many wrecks in the water
11			Lon 30-02-00			this Morning
12			Lat 34 all day			
			Cold for a Sunday week			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of June 18
1						Thick fog with light variety
2						
3						Winds under all sail with E
4			Saturday			Eastward lost of land @ times
5						visibly at 7 A M off St John Harbour
6						Bay at 12 fog very dense heard
7						breakers think struck @ 1 PM off
8						East Head St Lawrence Bay
9						fog lifted bore N.E. & E.N.E along
10			Lon 30-06 00			the land at 8.30 PM off Fortune
11			very high			Bay came off sent a vessel
12						off Indian Point & the "Hidalgo"
1						ahead some 5 miles
2						In thick all around the &
3						harbour
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Indian Point towards St Lawrence Bay

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13 day of June 18
1						Calm and thick fog all
2						night @ 6 A M fog lifted
3						with a light westerly wind
4						bore S.E. for Indian Point
5						under all sail at 10 A M
6			Tuesday	13th		was off the Point Cannes
7						came off. - No See here
8						bore S.E. for St Lawrence
9						Bay this "Hidalgo" and a tide
10						ahead the Elgin & St Paul
11						arriving @ 7 P M South
12						Head S.E. 45 miles bore
1						for St a few cakes of loose
2						Ice scattering due sight to
3						walrus or birds of Notice
4						a beautiful warm day
5						throughout land all
6						along shore to the West
7						
8						
9						
10						Lat @ Noon 64-35 N
11						Long @ 4 P M 171-24 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of June 18
1						
2			Monday			Calm & light baffling winds
3						at 10 P M last night came
4						W with dee bore E and
5						died not sound at until 10
6						A M then bore W for East
7						Cape 35 Miles clear pleasant
8						weather and small stops of
9						light scattering Ice the Elgin
10						"Hidalgo" & Abyssinia Barks
11						in sight & the land all
12						along to the West Cape &
1						Southward. Sawyer Rock
2						Cape Prince of Wales & Rio
3						Island all in sight also
4						the Abyssinia Barque bore E
5						boats for a whale and took
6						it was a Bowhead the 1st
7						East of us since 10 miles
8						and we were 20 miles
9						from North Head of St Lawrence
10						Bay due East =
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From East Cape towards Point Hope 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of June 1880
1						Light Westerly winds and clear
2						Weather Under all sail
3						towards East Cape at 7 A.M.
4						Canoes came off bought
5			Tuesday			140 lbs Whalebone 140 lbs Ivory
6						35 Box skins remained to
7						Cowalin found too much
8						Ice on the shore and at
9						12 M. bore E.S.E with a fresh
10						Fair wind made all sail
11						at 4 P.M. saw 4 ships
12						ahead at 6 P.M. spoke
1						the "Horizon" with 1 whale
2						and 200 walrus saw the
3						"Thomas Pope" steering
4						walrus on the ice also the
5						"Elize" and "Alice Barker"
6						Gleaming Capt Reeves
7						Kept the John Pope & "Rosa
8						Bud" each having Eskimo on
9						board Lie the Atlanta the
10						Pacific with 300 the Fleetwing
11						200 & the J. Palmer with 150
12						Walrus

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of June 18
1						A Moderately Northerly wind and
2						cloudy weather on diff tacks saw
3						double reefs and storm sails
4			Wednesday			along edge of Pack Ice with
5						Eastward saw one dead whale
6						in the water and numbers
7						light sail of night stood with
8						S.W. with wind N.W at 12 saw
9						saw & Sail saw the "Progress"
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Behring's Straits towards Canary Is 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of June 18
1						A fresh Northerly wind with
2						light snow squalls on diff
3						tacks made towards & course
4						along edge of Eastern Ice
5						found the "Medulpo" Steering &
6						2 banks with in them were
7			Sunday			boiling no walrus to be seen
8						on this Ice or on the water
9						saw several canoes floating
10						water light green colour
11						at 6 P M wind N.N.W.
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Bo. Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of June 1880
1						A Moderate North wind with
2						light snow squalls and
3			Friday			sunshine on cliff tops
4						Made all sail saw several
5						seals and walrus and
6						many Gulls @ 1 P M saw
7						a Bowhead going quite to
8						the N by W wounded & broke
9						without seeing him again
10						at 3 P M saw another Bowhead
11						one boat with the same result
12						of them having struck out to a
1						calm. Saw Cape "Serdzekamen"
2						N by 35 Miles and Cape East
3						and the "Diomedes" and
4						two sail to the South one
5						boiling at 4 P M a light breeze
6						from the S bore N by W under
7						Main Royal
8						
9						
10						
11						Lat @ Noon 67=08 N
12						Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ Barque "Coral" ~~towards~~ Wahousing A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of June 1880
1						Last night- with an increasing
2						Southerly wind run to the W.N.W.
3			Saturday 19th June			until 12 when we came up
4						with the Ice and saw a Brig
5			5 Months out today			standing W by E along the Ice
6			and not a drop of			until 8 a.m. when hove to
7			Oil of any kind			to the West with strong squalls
8			God help us			then standing to the Eastward
9						came up to the pack Ice wind
10						fresh but smooth sea on Ice
11						edge saw a bear lowered
12						a boat but he was too wide
1						awake and made quick time
2						over the Ice saw a few walrus
3						lowered and got a calf one
4						first spoke the "Tropic Bird"
5						140 Sperm 100 whole and 300
6						walrus since leaving S.I.
7						Saw more walrus on the Ice
8						and laid aback for them
9						
10						
11						
12						Lat 67=43° North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of June 18
1						Aback during the night- along the
2						edge of packed watching a few
3			Sunday 20th June			walrus at 6 a.m. lowered the dingy
4						but they all left Hooey to the N.E.
5						along the Pack from point to
6						point- saw two Polar Bears on
7						one cake of Ice and a few walrus
8						on the way. At 4 P.M. saw
9						the Land from Cape Lisburne
10						W by N to to 6 to 6 dist- 30 miles
11						saw two sail standing to the
12						West and some to the S.W. and
1						under all sail the "Tropic
2						Bird" Astern hailing and the
3						"Rainbow" off Ice quarter
4						running East with us
5						
6						
7						
8						
9						
10						
11						
12						Lat 67-53 Long 167.01 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From ~~Bonque~~ "Coral" towards ~~towards~~ Wahnening A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of June 18
1						Variable winds and muttled
2			Monday 21st			weather on cliff tacks and
3						Sail Made and reduced as
4						required At 6 A M Spoke
5						Schr "Catherine Long" 2300 Bbls
6						Trade Whalebone 2100 Bbls Ivory
7						At 7 A M Spoke Barque "Pacific"
8						1250 Walrus. on board of her
9						all day Lay to with Capt
10						Gillies Saw 4 barques going to
11						the Eastward At 10 A M
12						Calm - Lowd Lay sight
1						to the S.W. 40 Miles and
2						few cakes of Scattering Ice
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of June 18
1						Calm until 3 A M then light
2						S W airs with rain - cloudy
3						and Squally through the
4			Tuesday 22d			day "Pacific" went off with S W
5						variable winds and weather
6						through the day Saw at 10
7						A M about 100 Walrus on the
8						Semi Floes of Ice got seven
9			3 Walrus shot			shot and saved 3 only Afternoon
10						calm two Barques and the
11						Schr in sight - and Lowd to
12						the S & Westward. Ice seems
1						to make up to the S W In a
2			Jun 29=78			bight = found the Starboard
3			Thurs 36 -			Pump drawn Head been Leaking
4						Into a cask of Whalebone and
5						wet 6 coils Rope. This was
6						occasioned by the head not
7						being plugged when stowed
8						away
9						
10						
11						
12						Lat 67°. 26 N Long 170 = 48 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From ~~Baron~~ "Coral" ~~towards~~ Cruising A D 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of June 18
1						Calm with variable winds and thick fog during night throughout day light airs clear weather and fog squalls alternately the "Abbie Parker" "Eliza" and "Catherine Long" in sight steering along edge of pack to the S & W Most Land from N to E. In sight with ships of Lee Looker Cape Lezdhzyrk or Lezdge N.E. W. Lat 4 P.M. 12 Miles at 7 P.M. a Good East wind with fog squalls under all sail S.S.E. Two walrus have been seen today washed and bundled the track bone today
2			Wednesday 23 June			
3						
4			W			
5						
6			Cape Lezdge			
7						
8			② edge of Lee Pack			
9						
10						
11						
12			Jan 30-100			
1			Thu 40 Labor			
2						
3						
4						
5						
6			3 Bundles of Bone			
7			140 lbs - tallied Barker			
8			In room overhead			
9						
10			2 Bundles 130 lbs			
11			No tally - In Room alw			Lat 67-10 N Long 171-13 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of June 1880
1						A Moderate South wind and clear under all sail SE on the wind at 7 A M saw 7 sail at 8 A M spoke the "Stephney" "Mary & Helen" "ex-ss" "Rainbow" "Helen Mar" each with a whale taken Off "Point Hope" and 10 are the "last of Mr Bartlett ships without a whale. God help poor Me the "Helen Mar" and "Norman" each in co until 9 P M when we seperated I to sail in sight the "Norman" bailing East the land E by E 35 Miles and Lee all among to the N & E through the night under all sail beating in to the S & E
2			Thursday 24th			
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 68-02 Long 167-33 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Cape Lisburne towards Point Hope A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of June 1880
1						A Moderate E.S.E. wind & clear
2			Friday 25th			Under all sail beating Lo to the
3						SE along edge of Ice Pack
4						at 9 A.M. came to & scattering
5						Ice and ran through it to the
6						SE towards the Land until we
7						came into clear water with
8						Ice in shore some 10 Miles from
9						Land and off shore about
10						Same distance Several Sail
11			Between Point Hope			In sight saw the Land on Point Hope
12			and Cape Thompson			SW 10 Miles and the Steamer
1						ran off to the Point but finding
2						too much Ice beat back
3						again all day working Lo to the
4						SE where the Ice seems to open
5			Then on deck 42 00			towards the Land - Saw a
6			Bar below 30-20 July			bird has been seen today
7						Cape Thompson at 8 P.M. E by E
8						15 Miles with a solid Pack on the
9			Sent George Brown Cabin			them nearly a calm
10			boy Johnnie to day			
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of June 18
1						Light - Easterly winds clear warm
2			Saturday 26th			Smooth and pleasant on diff
3						tacks under all sail amid loose
4						scattering Ice working Lo with the
5						Pack the 6 coils of Whaleline
6						recently wet by the Pump Stream
7						into a Bread Cask and some
8			Saw a large Bowhead			village coils of Cordage and
9						while the cooper was driving the
10						hoops I saw a Bowhead who
11						was heading E by E it was so
12						still that he must have heard
1			Then on deck 52			the noise, for although still
2						at first he went quick into
3			Bar below 30-300			the Pack & Ice to the E some
4						3 Miles distant and we
5						lowered 4 boats without
6						effect saw the "Helen Mar"
7						Sidney Norman & Co Saloon
8						Land all along shore to the
9						E & Cape Thompson at 10 A.M.
10			Put coil of Rope forward			E by E 15 Miles with Pack Ice
11			& Hidden Room on			that distance extending along the
12			Starboard side			Land

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Port Hope towards Robertsons Sound N.Z.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of June 1850
1						Aback all night along edge of Ice at 7 A M a light southerly
2						air and clear stood to the E.& E.
3			Sunday 27th June			along Ice shore a solid pack
4						extending to the E: as far as we
5						can see at 12 M stood back
6						to the West point again saw
7						a few walrus but the water
8			Cape Jeffreys			picked up one dead one
9			35 Miles			afternoon thick fog Stood in
10						at 6 P M a light S W air and
11						clear saw the land to S E the
12						Ice close by and the "Helen Mar"
1						and Abbotsford Bunker to the Wd
2			Thurs 28 Inst			saw whalefish many birds &
3						seal
4			Pass 30 - 300 -			
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of June 18
1						Light - baffling airs from S W to W
2						along edge of Ice on diff tacks
3			Monday 28th			working to the windward picked
4						up a dead walrus. At 11 A M
5						spoke on board Barque "Thos Pope"
6						"Helen Mar" In co At 3 P M a
7						fresh breeze from S W wind to
8						ship reduced sail to double reefs
9			Thurs Pack 34			and jib & Spanker. Saw the
10						Land to S E & W working up
11						along the Pack
12			Pass Cabin 30 - 200 -			
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						No Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Point Hope towards Yokuniyp Straits 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of June 1880
1						light Northerly winds and clear
2						Harpooners working in both
3			Thursday	29th		& during forenoon Harpoon Jack
4						made double reefs worked up
5						to Point Hope Ship "Helen Mar"
6						Left at 6 P.M. came to an
7						Anchor off the Point Left 16 fth
8						water close to "ground Left
9						Ship Steamer "Mary & Helen"
10			Anchored off	Point Hope		& Schr "Alaska" at Anchor
11						also Natives off with bone but
12						they would not trade them at Ice
1						Hooks during night calm
2						and clear Sent Natives on
3						the water The Steamer
4						taking provisions from the
5						"Helen Mary" to be prepared to
6						working if obliged as he to
7						bound East has been as far
8						as Cape "Lisburne"
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of June 1880
1						At 8 A.M. we all got underweigh
2						with a light South wind the
3						Ice setting in shore during
4			Wednesday	30th June		the day on diff tacks afternoon
5						strong S.S.W. wind steering
6						to the S.E. bound towards the
7						straits to find whalers &
8						Canoes or whales
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Point Hope towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of July A.D. 1880
1						A fresh S.E. wind & cloudy running to the S.W. under all sail along edge of Pack during day wind veering to the S.W. & thick by the East on Bluff tacking past a number of live Walrus and saw several dead ones Throughout sail and the hand & have chanted for the Straits but they would be coming around ahead and I do not know where I shall bring up Afternoon Calm
2						
3						
4			Sunday			
5						
6						
7						
8			Then Sun Run 70			
9						
10			Run 30-400			
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 67-20 Long 166.23 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of July A.D. 1880
1			Friday			Light Northerly airs and calm mostly clear along edge of Pack to the South & saw many walrus going to the N.W. and a number of dead ones. Ships "Helen Mary" "Eliza" and "Alaska" in sight. At 1 AM light fog and calm @ 4 clear again at 11.30. A.M. Benjamin Hollister a Negro walked up against the mate Mr Wilbur and shoved him around with his shoulders. Mr W remonstrating with him was struck by Hollister a violent blow on the jaw knocking him 6 ft. and taking him completely by surprise. But he gave Mr Ben Hollister a good pummeling with my approbation and I then had him put in irons and put him on one of the bunks on deck for the night. At 4 PM shaped course for the Straits by W
2						
3						
4						
5						
6						
7						
8			Then on deck 42 Souls			
9						
10			Run 30-360			
11						
12						
1						
2						
3			Mr Wilbur Mate gives Ben Hollister a Negro Sailor a pummeling for striking him and the Jaw Innocence			
4						
5						
6						
7						
8						
9						
10			Started our 3rd cask of coal and Killed the last of the 2 San Francisco Pigs			
11						
12						Lat 66.53 N Long 166 30 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Point Hope towards Kings Island N.D.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3 day of July 1880
1						A light Northerly wind and
2						clear pleasant weather
3			Northerly			and all sail running along
4						Edge of Ice Pack to the South
5						ward "Rush" & "Alaska" Ice as
6						at 7 P.M. Saw many whales
7						close to Pack on Scattering
8						Pieces of Small Ice All Watch
9						of us went for them and
10						shot about 160 but by Some
11						Mistake Ice the division
12						Capt Mooney awarded
1			Original division			to the Schooners as many
2			of Whales - 43 -			as we both received when
3						Ships Amounted to 43
4						this to 39. This division is
5						most unsatisfactory to me
6			Thu 42			and I shall try to find
7						Whales hereafter by myself
8			Jan 29. 80			as we two pagnes that shot
9						60 odd before the Schooners
10						boat got where they were
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of July 18
1						During the night the wind
2						hauled around N.W. more
3			Westerly			diff tacks to the South under
4						all sail weather clear and
5						pleasant At 4 P.M. a dead
6						calm Ice pack to the East
7						about 1½ miles the Schr
8			Thu 56	Lake		only In sight & the S.E.
9						At 9 P.M. exchanged signals
10			Jan 30. 80			with a W.P. Steamer Hermitude
11						rigged and probably the
12						relieving vessel "Roy Rush"
1						In search of the following
2						vessel "Jeanette" and the
3			Exchanged signals			Whaling Schooners "Vigilant"
4			with a W.P. Steamer			and "Mr Wellington"
5						Passed In sight to the S.E.
6			Probably the "Benjamin			
7						
8			Rush" In search of			
9						this Steamer I have since learned is
10			the Whaling Ships			the "Banner Corwin" late revenue
11						service
12						Lat 67-11 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Hope" towards Behrings Straits N.E.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of July 1880
1						Light NW'ly airs and calms
2						clear pleasant weather and
3			Monday			all sail along edge of ice to
4						South at 12 M Saw walrus
5						thrown up by the Surge quite
6						30 Mile at 2 towards the
7						Army and up to 12 Midnight
8						had saved 78 Head all
9						Bulls. there were many of
10			Shot and saved			them but on very poor ice
11			78 Bull walrus			during night obliged under
12						topsail along edge of ice
1						& take ice light baffling
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of July 1880
1						
2						Light NW winds clear pleasant
3						weather on cliff tacks working
4			Tuesday			to the westward to round a point
5						I see saw a number of walrus
6						on the water - a bowhead & lots
7						and "Cape East" SbW 30 miles
8						the "Diomedes" and Cape
9						Prince of Wales" - a head back
10						I see to the S.E. this West end
11						We rounded at 4 PM
12						and shaped our course for
1						"Owalin" in clear water for
2						6½ and found scrpi for
3						wood as our stock is about
4						exhausted have had fine
5						below seldom the Best
6						Month - at 7 P M saw walrus
7			Saved 14 Walrus			and went for them
8						
9						
10						
11						Lat 66=33
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Point Hope towards Ikhorings Straits D L

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of July 18 80
1						
2			Wednesday			Calm and light baffling winds
3						all boats off for walrus
4						a sch in sight to the S.E.
5			Shot and saved			boiling Scattery Ice around
6			60 Walrus			Cape Rut- Diomedes to Cape
7						Prince of Wales In sight to
8						the Southward — saved a
9						good number of walrus
10			Steady working "Alaska"			and saw many also the
11			saved 103 walrus			"Eliza" Fish. Up to a cake of
12						Ice saw Killers among
1						the Walrus Making but have
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

To Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of July 18 80
1						
2			Thursday			Light baffling airs clear pleasant
3						weather After Walrus In co with
4						Sch "Alaska" our share amts to
5						103 walrus — have 2 during
6						forenoon Afternoon a Mod
7			Shot and Saved			Steady gale reefed to double
8			2 Walrus			reefs on diff tacks. Ent In
9						"Plowching" the Walrus blubber
10						we have got on board 300
11						In the blubber room and on
12						deck Saw Killers and many
1						bowhead birds a strong
2						Current here
3						
4						
5						
6						
7						
8						
9						
10						
11						Position about as yesterday
12						To Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Hope" towards Yrbungs Straits &c

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of July 1880
1						
2						A strong S.W. wind cloudy
3			Friday			weather under double reefs
4						and storm sails on diff tacks
5						along edge of ice to the Eastward
6						the "Elija" in sight boiling
7						at 11 A M stood on with
8						for the first time and
9			Lat 30-090			commenced boiling out our
10						300 walrus from "Cape Prince
11			Lon 46- Feb			of Wale" to the S.E.
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of July 1880
1						A strong S.W. wind and cloudy
2						weather under double reefed
3						storm sails on diff tacks W
4			Saturday			to the East edge pack the "Eliza" in
5						sight to the S during night
6						Strong raining Employed boiling
7						forenoon calm and thick cloudy
8						weather at 9 a M lowered a boat
9						and went on board my old
10						Sch "Leo" Capt Walker Trading
11			Lon 30=100-			and bound to Kotzebue Sound
12						Afternoon a light Westerly wind
1			Lat 44 -00			kept away from the "Eliza"
2						came on board - rept 314 Walrus
3						saw heavy pack ice to the S.E.
4						At 8 P M thick fog lifting at times
5						standing to the S.W. course pushed
6						all other sail set
7			Borrowed 300			
8			Sharps Rifle Cartridges			
9			50 calibre to be			
10			returned this			
11			season			
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Hope" towards Behrings Straits D.R. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of July 1880
1			Sunday 11th			Light baffling winds and thick
2						foggy throughout the night through
3			Run 30-120			the day Calm very heavy Sea
4			Then 48 Miles			close aboard with S.E. & N.E.
5						
6			Gauges of casks shown			lowered a boat tried current
7			in lower main hold			S. & W.E. 2 knots per hour @ 10 am
8			viz 330 Casks			clear angle pleasant at 7 PM
9			330			a light S.E. breeze Set Sail & made
10			275			all sail except Mainsail
11			287			they "Eliza" and "Les" in sight
12			365			and in boiling and stowing
1			260			down oil in Casks in the
2			345			Main hatch & Ship by the
3			375			"Legal Tender" bounded in 13
4			2567 gals			Fathoms. Saw land to the S.E.
5						
6						
7						
8						
9						
10						
11						
12						Lat 66-49 N Long 166-32 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of July 1880
1						A Moderate South wind
2						with cloudy weather under
3			Monday 12th			all sail except Mainsail &
4						they Westward Employed boiling
5			Run 30-120			At 11 PM finished boiling the
6						amount of 182 barrells All
7			Then 46 Miles			through the day a fresh South
8						wind standing to the W.S.W.
9			Gauges of casks this			during forenoon Sailed Main
10			day showed on the			Royal and Topgallantsail
11			Main lower hold			Ship in Steadily down
12			viz 368			At 2 PM Pinguheed Cape
1			371	8 one cask of		East bearing S by W at 6 PM
2			319	289 gallons		20 Miles distant Wind then
3			340	not quite full		S.E. heading SW by S under
4			270			courses and Topsails No Ice
5			310			seen since 10 AM in sight
6			289	Total full		seems to trend along the East
7			322	171 barrells		Shore and very heavy Pack
8			258	27½ gallons		this afternoon Much Seed
9		22	847			and many "Bowhead Bird"
10	Sundays		25·67			
11			8414			
12						Lat @ noon 66.33 North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Insowing" towards Wortheron Sea Ad 1882

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of July 1882
1						A Moderate SE wind and
2			Tuesday 13th			clear heading 2h towards the
3						land to the west of East-Cape
4						At 9 A M off "Inmatown" between
5						"Insowing" and "Wan" came
6			Took on board			to an Anchor in 9 fathes and
7	-		12 boatloads wood			sent in 4 boats for wood
8						3 Canoes came off with but
9	-					little trade gave them all the
10						walrus heads we had saved
11	-		Bar 30-200			for "Owaling" as we could not
12						settle them on a head wind
1			Ther 56 Fahr			and current - At 4 P M had
2						taken off 12 boatloads took
3						Anchor and made sail to
4						the North at 7 P M a strong
5						SE wind reduced sail to
6			Bought 72 lbs Ivory			double reefs and jib steering
7			& 37 lbs Whalebone			SE by E Saw Land to the West
8			13 Dog Skins			
9						Put Benjamin Hollister in solitary confinement
10						for Stealing bread out of a boat
11						No Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of July 1882
1						Fresh SE wind with occasional
2			Wednesday 14th			fog steering SE by E under double
3						reefs At 5h A M Moderate SE wind
4			Bar 30.250			Made all sail SE saw Billes and
5			Ther Morning 42			a few pieces of scattering Ice to the S
6			Afternoon 52			cleared out Ivory and put in 2
7						7 Beef Barrells and stowed in
8			Walrus Ivory stowed			lower Main hold - throughout this
9			this day in Main hold			Afternoon very light airs and
10			Number Weight Marked			clear pleasant weather at 4 P M
11						tore SE by E
12			Weight of Weight Tare			

	Cask	Tare	Weight marked	Tare weight
No	1	46	200	210
"	2	46	190	199
"	3	44	200	210
"	4	48	200	206
"	5	46	190	179
"	6	46	160	167
"	7	46	200	204
	8		1320	1376 Total
	9			
	10			
	11			
	12			

Benjamin Hollister asked me to let him out of Irons promising to behave himself if I would. I shall keep him in solitary confinement until Friday Noon

Lat 67 00 N Long 170-43 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "East Cape" towards "Cape Sibourne" A.D. 1850

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of July 18
1						
2			Sunday			A Moderately S.E. wind clear pleasant weather-Under all sail S.W by W when seeing no Land, Sail or birds and Sailing of a deep blue color bore S.E. per Log Also saw 2 double Walrus and an empty tunnell At 10 A.M. Shot In thick foggy with wind very light from the West steering S.E. with course as at 10 P.M. thick fog Lime Quarter heading with S.E
3						
4						
5						
6			Mon 30-200			
7						
8			Tues 32 Sailed			
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of July 1850
1						
2			Friday 16th			Light S.W winds cloudy weather Under all Sail S.E. making deep blue but few birds and no other Signs of life all through the day the Same Ship Pursuing but little headway as Wind seems to be a Strong current Apparently setting with S.W and Getting us headway At 2 P.M Observed by the E to S probably Cape Sibourne but so cloudy with fog hanging around the horizon that we cannot See clearly At 5-30 P.M came up with Scattering Ice and at Same time Shot In a thick fog bound with wind S.S.W. hauled up Courses and furled Light Sails
3						
4			Fan 29-950 Sailing			
5						
6						
7						
8			Thurs 48°			
9						
10						
11						
12						Lat 69-08 Suspected-No Log

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "East Cape" towards Cape Libourne at 8 P.M.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of July 1880
1						a Moderate T.P. wind with
2			Saturday 16th			fog and cloudy weather
3						Under all Sail S.E. at 6 P.M.
4			"			Saw scattering Sea Lothes S.E.
5			Saw Whales still			at 9 P.M. a thick fog Land ahead
6			and took on first			heading Lothes South at 4 A.M.
7			one to day			fog lifted saw a Bowhead still
8			"			fog shutting down saw him no
9						More at 6 A.M. saw many
10			Bar 29=06			fog lifted lowered 4 boats struck
11			Ther 48			and towed one to waist boat
12			"			cut him by 12 M. saw many
1						others lowered twice could not
2			Took 1st Whale			strike Cape Libourne E 15 Mls
3						with Sea along the shore to the
4						S and E as far as we can see
5						but to the S & E there seems to be
6						open water with Ice on both
7						Sides there Whales are working
8			at 8 P.M. Showing a gale			South I think they came
9			from the South with			out of Kotzebue Sound from
10			rain made double			behind the heavy Ice there
11			reefs heading S.W.			No a Sail to be seen - Probably we
12						have seen 20 Whales

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of July 1880
1						At 10 last night wind shifted 2 a
2			Monday 18th July			a Squall to the West blowing heavy
3						with snow and fleet reefed to
4			Bar 29.850 Rising			close reefed Topsails on deck hands
5						up to 10 A.M. when we stood to
6			Ther 38 Lahr			the West wind having veered
7						around to N.W by W. Hoisting a gale
8						furled foretopsail. a Short head
9						Sea causes her to pitch heavily
10			Saw Bowheads			Saw 2 Bowheads going South
11						& W. too rugged to lower all
12						through the day dark gloomy
1						weather with snow falling
2						occasionally Saw Cape Libourne
3			Commenced Boiling			East 12 Miles. afternoon
4						more moderate with a rising
5						Barometer at 6 P.M. commenced
6			Benjamin Hollidey			boiling. at 7 P.M. heading W.S.W.
7			having threatened			furled Maintopsail otherwise
8			to attack one of the			reefed
9			men at the wheel as			
10			he would not give			
11			him any tobacco I			
12			concluded not to release			him for the present

No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "East Capar" towards Cape Lisburne N.W. 1870

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of July 18
1						A subsiding gale from the
2			Monday 19th			N.N.W. with snow and hail
3						squalls under close reefed main
4						topsail and storm sail on the
5			Bar 30-00 Rising			wind W by S. At 3 A.M. saw land
6						to the Eastward ranging North
7			Ther 40 Sahn			and South. Employed boiling
8						during the day in diff batches. At
9			Employed Boiling			8 P.M. under double reefs and
10						fore and aft sails a point
11						of lee to the S.E. we are trying to
12			Pleased Mr Ryan			weather, too thick to see the
1						land but do not consider	
2			Hollidays on his			saw a Bowhead during the
3						night going S.E.
4			Swimming to leeward			
5						During this gale the pumps have
6			Finish			been sucked too frequently for
7						my gratification showing that the
8						leak "or leaks are increasing
9			Winch down and hoist			I am worried about it could not be
10			in light Squalls			
11						Lat 68-43 North No Long
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of July 1870
1			Tuesday 20th			Calm all night with snow squalls
2						and during the day little or no
3			Bar 30-20			wind with a thick fog this
4			Ther 38½ Sahn			Capes in sight to the N.E. 20 miles
5						Employed in boiling and stowing
6			Gauges of casks			down in Main & Lower at 7 P.M.
7			filled with oil			finished boiling the amount of
8			to day including			110 barrells - at light - Southerly
9			the Village from last four			wind at last with clear
10	big	"	259			weather Cape Lisburne E.N.E. 14
11			263			Miles Ice stopping all along
12			290			shore to the South Reef as far
1			187			as we can see
2			373			
3			372			
4			302			
5			2046			
6	Last Amount		5414			
7			7460			
8						
9	Total Amt		226.26			
10						
11						Lat 68.48 N Long
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" towards Cape Lisburne

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of July 18
1						Am Lowering S.E. wind during the night reduced as to double reefed topsail and staysail run to the S.E. until we were off a point of Ice steering to the E then stood off and on until 8 A M when we bore S W Cape Lisburne Distant E 12 Miles at 11.30 A M blowing a gale furled foretopsail hoisted to the wind heading Cape saw 2 Bowheads going quick N.E. Employed in stowing down oil and scraping boat at 3 P M saw a whale going quick to windward about 5 did not lower no chance. Afternoon Strong and cloudy weather at 7 P M saw more whales going to the Leward, lowered 4 boats Mate struck 4th Mate went on Mates boat struck and sunk a whale Anchored in 20 fathoms furled sails took Line to the Ship heavy & Swell wind moderating Lat from 69 - 24 N
1			Wednesday 21st July			
2						
3			Bar 30 = 050			
4			Ther 39 Fahr			
5						
6			Saw whales going quick to windward			
7						
8						
9						
10			Gauges of oil stowed this day	Main Hold		
11			big 344			Struck a whale
12			175			Anchored
1			250			by 2
2			262			
3			140			
4			1171			
5			Last Gauge 7460			
6			8631			
7						
8						
9			Total 274 Barrels			
10						
11			Took 2 Whale			
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of July 1880
1						An Increasing gale from S.S.W with tremendous heavy swell at 12 M carried away the windlass pawls sent down cutting tackles and hooked them to the chain cable Main mast a tremendous swell ship pitching very much Thick foggy rain & lightning during forenoon Moderating and Swell subsiding Mate Day Made several attempts to haul the whale off the bottom but failed at 4 P M much Ice scattering but heavy coming down upon the ship hove the whale up and cut him in 3 hours at 10.30 P M finished wind light from the West fitted windlass during the day At one time had 75 fathoms chain cable out and expected to be obliged to loose Anchor & chain Whale and all. Hove 60 fathoms when it moderated
2			Thursday 22d July			
3						
4			Bar 30.00			
5			Ther 37 Fahr			
6						
7						
8			Saw walrus on the Ice. at 10 P M the last of the Ice had passed us. commenced setting each quite 2 Reels with the Ends showing light.			
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8			Clearing away head This whale Bowhead very heavy and Whales we were beginning hove up expected every minute to part the line but Good was good boat Good we Stowed this			
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" towards Cape Lisburne N.E

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23rd day of July 1880
1			Sunday 23			Light F. W. winds all night with
2						fine snow squalls. At 4 a m
3						hove up the Anchor set topsail
4			Thermometer 44			and jib on diff tacks Saw
5			Noon 40			Scattering Ice to the Eastward
6			Therm 30-000 —			and Cape Lisburne E.S.E 20 miles
7						Commenced boiling all through
8						the day good weather and
9			In sewing the whale			quite clear but not a whale
10			yesterday if the swell			to be seen and but few birds
11			had not entirely			I think they most of the whale
12			subsided we should			have passed to the South &
1			have lost him. As			think I passing towards
2			we had a tremendous			Cape East where I saw so
3			strain on the line			much feed and bird recently
4			while heaving him			a strong current setting to the
5			up from the bottom			East yesterday going 2 miles
6						per hour
7						
8						
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of July 1880
1						Light — Fore part windy with thick
2						cloudy weather Snow and rain
3			Saturday 24th			all day — Under double reefs & jib
4						on diff tacks. Employed in boiling
5			Ther 8 P M 29-900			and scraping bone. which we
6						pile up on the Starboard side
7			Ther 8 P M 34 Sahn			of the quarter deck. Ship is
8						about as filthy a state as one
9						ever saw — No sign of whale
10						to day and no "Bowhead Birds"
11						have been seen for two days
12						at 6 P M wind shifted to the
1						W. S. W. fog lifted a few minutes
2						then shut down thick again
3						laid aback heading South
4						at 8 P M fog cleared off stood to
5						the S. S. W. day employed about
6						as in the early part of
7						this 5 Miles
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" "Off" towards Cape Lisburne N.W. 188

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of July 18
1						Wind moderate throughout the night
2			Sunday 26th July			from S.S.W. Cape Lisburne S.W.
3						Scattering Ice around during
4						Calms weather gloomy with fog
5	Lat		30-020			obscuring distant objects. Under
6	Obs		34 Morning			topsails and fore and aft
7	"		40 Noon			Sails standing on diff tacks
8						during the day would baffle
9	Gauges		1 casks of oil showed			from S to W. Saw "Bjarke" the
10	to day		viz.	223		or "California" going to the S.
11				342		At 10 A M finished boiling the
12				301		amount of 103 barrells
1				370		Empd in stowing down in lower
2				368		Main hold Starboard Side
3				306		having filled the top tier for the
4				250		"Legal Tender" with Walrus oil &
5				372		Wood from "Jessamine" we have
6				212		Stall to move to fill the ground
7				310		beneath @ 10.30 P M finished stow
8				3056	.97½	ing amount of
9	Last Amount			8631		
10				11.687		
11						
12	Total		371 barrells. ½ gal			Lat 69-24 North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of July 1880
1						Calm with fog all night. At 4 A
2			Monday 26th July			a light E.S.E. wind bore S and
3						made all sail by Mainsail
4			Lat 29-930-			At 6 A M bore S.S.W. can see but
5						Miles at most. At 11 A M wind
6						died out to a calm with thick
7			Thermometer Morning 38 Fahr			fog and rain and so remained
8			" Evening 40 "			all day. Hauled water in the boat
9						and washed all our bone and
10						Stacked it on Starboard Side
11						of quarter deck ready for boiling
12						and the "Legal Tender" when we
1						see her. At 4 P M Sounded in
2						21 fathoms. Saw much seed in
3						the water and a few birds
4						Calm or S to 10 P M then light S.E.
5						wind with fog
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From "Cape East" towards Cape Sherbrooke A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27½ day of July 18
1						A thick fog with rain and a
2			Tuesday 27th			mod S.E. wind under all
3			July 1880			sail to the NW on the wind
4						at 6 A M wore to the East employed
5						in putting a spare cable on to the
6			Lat 28. 850			port chain and stowing remainder
7						between decks after at 11.30 do M
8			Lon 40 Obsn			fog lifted and the "Legal Tender"
9						to the Southward who bore for us
10			Gauges of oil casks taken			and communicated by 2 P.M.
11			on deck to ship per			saw Cape Sherbrooke N.E. 25 Miles
12			"Legal Tender"			and spoke Steam whaler "Mary
1			237			& Helen" with 8 whales. Much
2			268			rain all afternoon & evening
3			238			employed in breaking out oil to
4			322			ship by the Legal Tender" Junked
5			345			light sails and laid aback
6			10			waiting light from the E ships
7			19			@ 2 P.M. — and by 5 P.M.
8			68			had increased to steady a gale
9			87			with rain took in & reefed
10			372			on deph 12 casks oil 11,763 gals
11			60			
12			297			Lat 69-18 Noon
			3663			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of July 1880
1						
2			Wednesday 28th			A strong S.E. wind with much
3						fog and rain. made double
4						reefs on the wind Sur @ 6 A.M.
5			Run Noon 29=600			wore ship to the East. the L.T.
6			" Evening 29 850			& Steamer M & H Lee co. all
7						through the forenoon much rain
8			Lon 38 Obsn			afternoon thick fog at 5 P.M.
9						cleared up and wind veered
10						to the S.W. set jib and run down to
11						the South 25 Miles and pass
12						of scattering ice to the SW at
1						8 P.M. standing to the Southward
2						all night with light variable winds
3						& cloudy weather —
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape East towards Cape Lisburne Lat. Q. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of July 1880
1						Light baffling airs cloudy weather under
2			Thursday 29th			double reefs and jib Cape Lisburne S by E
3			Bar 30.100-			15 Miles and scattering Ice around
4			Ther 43 Fahr			at 5 A M commenced shipping oil by
5	Whalebone shipped today				Veg	they "Loyal Tender" and steering home at
6	Ivory shipped to day				94 97	10 A M clear pleasant Sunshine by
7	Viz 1st		210 lbs		78 115	5 P M had shipped all Whalebone
8	"	2	199.		108 98	bundled - Ivory and 114 bbls Yoyal
9	"	3	210		98 103	oil. 4338 lbs whalebone 1579 lbs Ivory
10	"	4	206		94 104	they steamer "Mary & Helen" shipped 14 000 lbs
11	"	5	179		105 103	bone and at 30 we separated she going
12	"	6	167		98 120	to they S and the L.D. and ourselves
1	"	7	205		96 115	towards they Cape @ 7 P M had passed
2	"	8	196 Grades		102 81	they last of the Ice heading on the
3			1572 lbs		99 118	wind S.W. westly the cape bearing
4	Oil stowed in Loyal				98 102	S.W by S. Ship under all sail
5	Tenders casks viz				81 117	Sabe Mary Sports off the cape in the distance
6	335		355		90 103	These casks all returned home but
7	371		378		87 118	one
8	361		372 Grades each Trade		85 106	
9	374		3595 or		96 86	
10	371		114-04 gals		94 86	
11	341		45 bundles Whalebone		100 90	
12	337		8 bundles Ivory. 1 bbl each		112 133	No Observations
					115 95	
					97 88	
					100 66	
					73	
					4338 lbs	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of July 1880
1						An Increasing S.E. wind and clear
2			Friday 30th July			Standing to the N.W all night
3						by 6 A M had reduced sail to
4			Bar Morning 30.050			double reefs and storm sails
5			" Night 30 150			Ice in sight to the East Cape Lisburne
6			Ther Morning 42 Fahr			E by S 20 miles at 9 A M kept off
7			" Noon 43 "			N.N.W at 12 bore N at 3 N E by E
8						No Ice to be seen and clear
9						working in all directions At 4 P M
10			Saw a large Whale			wind Moderate Made all sail
11			going to the South			but Mainsail Saw a Caricou
12			No chance to lower			and nearly all birds going S
1			wind blowing a gale			At 9 P M wind blowing fresh again
2			from S			furled light sails I saw a large
3						Bowhead going quickly to the S
4						heading to Leward Lee lot of water
5						but when down working quite
6						a Mile each rising to the South
7						did not lower No chance At 11
8						double reefed topsails
9						
10						
11						
12						Lat 69-40 N Long 164-52 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Lisburne towards Point Lay A.D. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31½ day of July 1880
1						A gale of wind from the South
2			Saturday 31½ July			with cloudy weather stood to
3						the Eastward on the wind all
4			Bar 30-300			night at 6 A M saw the low
5			Ther 42 Sahe			land off Point Lay and Ice
6						on diff tacks. Saw many Walrus
7						In the water and one bleeding
8			Saw Ice and Walrus			freely from a wound in the Neck
9						at 10 A M pointed for the land
10						under double reefed Main
11						& storm Sails all day on diff
12						tacks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of August 1880
1						
2			Monday 1st August			A moderately strong wind gloomy
3						weather thick foggy atmosphere
4			Bar 30 + falling @ 9 am			under double reefs standing to the
5			" 29 55-0 " 8 PM			East. low land in sight with a
6			Ther 40 Sahe			small strip of Ice aground off
7						shore of it @ 6 A M pulled for
8						land between Point Lay and
9			From 2 to 6 PM the			Icy cape. hove to W.S.W. and made
10			wind was out East but			all sail for with rain commenced
11			by 8 veered back to S.W.			saw numbers of Walrus in the
12						water and several Pairs of Whale
1						tongues @ 11.30 saw heavy Pack Ice
2						close aboard ranging to S & S.W. tacked
3						to the South. a strong current setting
4						us down on this Ice too thick to see
5						how far it extends but I think it
6						makes on to the land. fog & rain over
7						this afternoon lifted so we saw land to
8						the Eastward then shut down dense
9						with much rain wind freshening and
10						hauling to the S.W. reduced to double
11						reefs heading W.S.W. sounded in 24
12						& 22 fths
						No Obs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape "Sibourne" towards "Bowheads" 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of August 18
1						A moderately South wind thick
2			Monday 2d August			foggy night raising Steering to
3						the W.S.W. at 9 last night Hooked
4			Bar 29-790-			to the E.S.E. @ 11 were with the S.W wind
5			Ther 40 Fahr			veering to the S.E again thick fog
6						and rain wind moderating
7						@ 3 a.m fog lifted a few minutes
8			Took one 3d whale			saw a back to the South and a
9						Bowhead close by going South
10						lowered 2 boats to no effect hoisted
11			Saw many walrus			aback heading from W. to S.W.
12			and one other whale			fog dense sounded in 23 fms
1			This whale was going			@ 8 a.m. calm @ 8.30 saw a
2			from S.E to W.S.W			whale close by going S.E lowered 2
3			very still Steered			boats in a dense fog and heavy
4			to the at home			rain storm. at 10 a.m fog lifted
5						and wind came out West
6						saw the Steamer boiling and
7						chasing whales at 12 struck and
8						saved the whale with Larboard
9						boat at 2 took him with ship and
10						cut him by 5-30. a strong west wind
11						with fog saw many walrus and
12						one other whale. No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of August 18
1						A fresh west wind and clear made
2			Tuesday 3d August			double reefs on diff tacks @ 5 a.m
3						saw whales to the Eastward called
4			Bar 30-040			them Bowheads. lowered 3 boats
5			Ther Morning 32 Fahr			found they were "Pipsacks" and
6			" Evening 34 "			recalled the boats saw very heavy
7						fog to the Eastward apparently agrom
8			Sanded Morgen 5 m			the steamer in sight boiling through
9			Hay and Hoisted at			the day light S.W. wind Made all
10						sail except courses heading on the
11			Light falls of fine hail			wind South air very cold a low
12						thermometer - when we loosed the
1			@ 9 P.M came up with			light sails they were froze stiff
2			the steamer cutting			saw the steamer lower 5 boats &
3			a whale and before			recall them take in sail and
4			her struck & have			steam to the S.W. at 5 P.M
5			another. Lowered			wind shifted to the S.W more to
6			3 boats for a supplemental			the W.S.W. a sail in sight to the
7			whale with usual			S.E. running along the land to the
8			result A gale coming			E. and the steamer ahead to the
9			on from the South			saw low land over the bow to the E
10			double reefed			some 10 Miles distant. Commenced
11						hoisting at 9 P.M
12						Hove to No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From Cape Lisburne towards "Bowheads" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of August 1880
1						A strong South gale by 12 M. we had reduced to close reef and storm sail standing to the W.N.W. on the wind at 7 A.M. saw 2 ice ahead and off ice became more W. & S. & E. – shipping considerable water cooled down and started the oil on deck into the tanks. the "Legal Tender" and steamer in sight @ 9 A.M. saw a whale going South and from that time until 3 P.M. we saw a number going still but working South at times moderate a little loose 2 boats and struck and towed a whale to port boat. After much work we got him alongside by 9 P.M. and cut-in by 3 A.M. the blowing a heavy gale with much sea
2			Wednesday 4th			
3						
4			Lon 29 820			
5			Lat 71 43 Sabe			
6						
7						
8			Took on 4th whale			
9						
10						
11						
12						Lat 70=39 & No Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of August 18
1						Finished cutting by 3 A.M. a tremendous sea everybody wet through & tired at 4 A.M. Sunday again @ 9 under double reefs & fore & aft sails Ent. to clearing up preparing to boil saw the Steamer Nanky saw W.H. heaving E.S.E. at 12 M saw Bowheads lowered 3 boats The Wm Thompson went alongside 2 whales his boats[illegible] Mates them both. at 9 P.M. boats returned it was then calm commenced boiling thanks Alfred Wynndoff and Joseph Lambert the last Heard at 10 P.M. a light E.S.E. saw under double reefs & fore saw the Steamer take a whale – the Legal Tender came Ent. to the Eastward
2			Thursday 5th			
3						
4			Lon 30			
5			Thence to Lahe			
6						
7			Saw whales Disposed			
8			today			
9						
10			Detailed			
11			Alfred Wynndoff			
12						
1			Appointed			
2			Joseph Lambert			
3						
4						
5			Saw many whales			
6			Still			
7						
8						
9						
10						
11						
12						to Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Lisburne" towards "Bowheads" at Q 1/10

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of August 18
1						Calm and cloudy with fog @ 6 a m
2			Friday 6th August			a light southly wind hove land 2
3						sight - to the Eastward the Steamer
4			Bar 30-020			and "Legal Tender" In those we
5			Ther 42 Faht			Employed In boiling and stowing
6						down under M S.G. and to the Str
7			Gauges of oil stowed this			Many Walrus around At 10 a m
8			day Viz		259	a light S E wind ran to the Str.
9					345	under M Royal @ 5 P. M. saw
10					322	"Bowheads" lowered 3 boats struck
11					297	and saved a large whale to Saint
12					340	boat - had him alongside by 9 P m
1					1663	and commenced cutting a
2			Last amount		11.687	boat from the Steamer relieved her
3					13.250	with 13 whales. Capt Dike of the
4			Total 420 Bbls Oil			"Legal Tender" on board. bound to
5						the West - looking for fleet - All the
6						time we were cutting we were
7			Took on 5 Wh			running with the Str.
8			Whales			
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of August 1880
1						
2			Saturday 7th August			Calm light - Easterly wind cloudy weather
3						Finished cutting by 5 A.M. Under
4			Bar 30-050			2 sails to the S by W on the wind
5			Ther 45 Faht			Kept in clearing away head -
6						Saw the Steamer chasing Whales
7			Gauges of oil stowed this			At 9 A M light - South wind - In
8			day viz		212	to the Westward land to the E. & S E.
9					187	Standing in shore under M Sail
10					187	Saw several whales to the South bound
11					586	to the South No chance to lower
12			Last Amount		13.250	Kept in boiling stock & towards
1			Total		13.836	the lowland Sent 10 Bbls water
2			439 Bbls 7½ gals			and tacked to the Westward Some
3						heaviness in Sea - do not
4						know our position thinks we are
5						to the E & of Icy Cape. No chance
6						to obtain Observations spoke the
7						Steamer - think we are off "Refuge
8						Inlet"
9						
10						
11						No Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Cape Libouney towards Bowheads A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of August 18
1						Light airs baffling with fog heading
2			Sunday 8th August			to the South under all sail Emp-
3						boiling Sounded at 12 M no Ice
4			Run 31-050-			23 fms at 7 A M saw 15 pairs Spoke
5			Then 56 Sahr Noon			Steamer Mary J Ryley who steered
6			" 80 " Ice Sun @ Noon			out of sight to the S.W. at 9 A M
7						fog lifted " Wainwright Inlet
8						East 12 Miles heavy Pieces of Ice
9			Gauges of oil stowed			aground Ice shore Ice different
10			this day viz		229	directions - at 10 A M a light
11					263	S E wind bore S.W. and run some
12					253	15 Miles when we saw the Steamer
1					747	with boats down and cutting - saw
2			Last Amount-		13836	Bowheads lowered 3 Boats and @
3					14583	1 P M recalled them wind light-
4			Total 462 bbls 30 gals			and whales very shy Started the
5						Ice works again and laid aback
6						
7						
8						
9						
10						
11						
12						Lat 70.39 & Long 160.31 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of August 1880
1						A light S.E. wind and cloudy
2			Monday 9th August			weather Aback on diff tacks Emp
3						Ice boiling at 3 A M bore S.W. @
4			Run 30-100			3.30 saw Bowheads lowered 4 boats
5			Then 57 Sahr			and struck a whale to Starboard
6						boat - The boatsteerer Manuel Silva
7						killed him instantly with the
8			Gauges of oil stowed			Darrces gun. Whale sank very
9			this day viz		312	heavy pulled him up with a
10					258	tackle Ice the boat and by 9 30
11					570	had him alongside by 3 P M.
12			Last amount-		14583	finished cutting - low land
1					15153	some 10 Miles Ice the Eastern bound
2			Total 481 bbls 1½ gals			and Icy some 5 Miles to the S W
3						& West of us cannot tell whether
4						it is the Pack or not - Fog obscures
5			Took our 6th Whale			distant objects. Saw many walrus
6						Ice they waiting - Variable winds &
7						calm with rain and fog Saw
8						the Steamer to the S W. at 6 P M a
9						light Westerly wind with rain
10						Ehf Ice clearing away head & boiling
11						steering S.E. Sounded Ice 20 fms
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Lisburne towards Bowheads, N. A. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of August 18
1						A light S.E. wind with rain & fog
2			Tuesday 10th August			under M.C.G. sail from S.S.W. to
3						west south west - Saving comm
4			Bar 30-04			according to soundings which
5			Ther 52 Dalm			range from 18 to 14 fths to clear
6						"Blossom shoals" Empd in boiling
7			Gauges of oil showed			Much rain during early part
8			this day viz		263	of day and fog. at 8 A M sounded
9					379	in 14 fths run off S.W. at 9 16½ fths
10					372	laid aback heading S.S.W. Empd in
11					320	filling "ground tier" casks in main
12					368	hatch - at 6 P.M. fog lifted saw
1					1702	W saw a barque to the West with
2			Last Amount		16853	boats fast. Saw whales lowered
3					16855	4 boats struck and saved a
4			Total 55 Bbls 2½ gals			whale to the Starboard boat
5						took him to the ship commenced
6			Took our 7th whale			cutting at 10.15. Saw wind light
7						& E clear and pleasant saw
8						Sea to the N & to W some 10 miles
9						saw many whales still when
10						we struck they went off to the
11						S.W.
12						Lat 70-25 North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of August 18
1						A light S & E wind clear weather
2			Wednesday 11th August			Empd in cutting at 12.35 finished
3						having been only 2 hours 40 minutes
4			Bar 30-040	Noon		engaged - laying with sails clewed
5			Ther 48 Dalm	Noon		aback heading to the S.S.W. Empd in
6			" 52	" Evening		clearing away the head and boiling
7						one shift in light to the West. at
8			Gauges of oil showed			4 P.M. saw "Bowheads" and during the
9			this day		319	day saw many large & small whale
10					310	still lowered 3 boats but could not
11					260	strike for want of wind calm &
12					311	light variable air all day with fog
1					1200	and in evening much rain
2			Last Amount		16855	Empd in boiling and coopering
3					18055	casks to stow off main hatch
4			Total 573 Bbls 3½ gals			A barque and a schooner in sight
5						one of my boats spoke the "Sea Breeze"
6						with 7 Whales reptd the fleet on the
7			Rept of whale fleet up			"compass ground" all doing well
8			to August 1st			the "Rainbow" has 10½ whales and the
9						viz "Helen Mar" 9. "J Rose" 9. "Stanley 6." "Helen"
10						"J Bird. 5. Fleetwing 5. J. Palmer 3½ Progress 6½
11						"Canvas 3. J Long 4. Alaska 2. Soliter 1. Monumen
12						"Pacific 5. Eliza 2 up to 1st August

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From "Cape Lisburne" towards Bowheads A.C. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of August 18
			Thursday 12th Aug			Calm with thick fog and much rain
						to 5 a m when it cleared up
			Bar 30.120			with a light-southy wind saw
			Wea 48 Lake			Bowheads lowered one boat they
						"Sea Breeze" struck and the whales
						went down with it. throughout the
			Gauges of oil stowed			rest of the day variable winds
			this day viz		179	and thick fog. All hands
					241	employed in stowing off Main
					160	Hatch breaking out. stowing
					350	wood and pumping bilge out
					280	of fore hatch @ 2 PM a light
					203	S.W. wind. made to sail aback
					1413	heading to the southward @ 3
			Last amount		18053	much rain at 5 cleared up a
					19.466	little saw "Sea Breeze" chasing and a
						tcho cutting - saw many whale
			Total 618 Bbls 1 gal			lowered one boat. a thick calm could
						not strike. whales wild - At 10 PM a
			Took "Alaskas" whale			thick fog again a boat from the tcho Alaska
			alongside and cut-him			reports having taken 6 whales. had just
			had head cut off			cut the head off a whale and let him go
						fog lifted took the whale alongside
						No observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of August 1880
			Friday 13th August			Light-Northerly airs with cloudy weather
						finished cutting the body of the
						"Alaskas" whale by 2 a m about an
			Bar 30.200 morn			80 bbl whale saw more whales &
			" 30.100 evening			lowered one boat. the "Sea Breeze"
						struck again. and stuttled the
			Wea 46 Lake			whales saw many came in
						thick fog recalled the boat. Employed
			Gauges of oil stowed			in boiling & stowing down setting
			this day viz		170	W.S. shocks. At 10 a m a strong N.E.
					255	wind reduced to double reefed
					283	maintopsail and storm sails
					245	on diff tacks. At 6 PM fog lifted
					310	saw ice to the S.W. & W.N.W.
					1263	
			Last Amount		19468.	
					20.731	
			Total 656 barrels 7 gal			
						No observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From ~~Point Gray~~ towards "Bowheads" A. D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of August 1880
1						Moderate SE wind and fog
2	Saturday 14th August-					aback on diff tacks @ 2 a.m. set
3						jib and foretopsail Emp in boiling
4	Bar 30-000					and stowing oil in lower fore
5	Ther 50 Fahr					hold shifting fresh water &
6						setting up whale casks at 8
7						a.m. fog lifted saw land to the
8	Gauges of oil stowed this					West and land to the Eastward
9	day viz				305	ran off South a bargue & sch to the
10					241	S and a bargue to the South at
11					366	9 a.m. saw 2 Bowheads going
12					206	quick to the South lowered 3
1					309	boats came on thick fog again
2					1431	recalled the boats remained
3	Last amount				20731	1 day laying aback on diff tacks
4					22162	fog Very dense Sounded at 12
5						M. in 21 fths at 1-6 P.M. 24 fths lying
6	Total 703 bbls 7½ gals					with head yard aback and jib down
7						double reefs heading S.W. ½ W
8						
9						
10						
11						
12						No Obs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of August 1880
1						A fresh SE wind with cloudy weather
2	Sunday 15th August-					and thick fog. Under double reefs aback
3						on diff tacks Emp in boiling @ 7 a.m.
4	Bar 30-000					fog lifted saw the "Eliza" running off
5	Ther 48 Fahr					Clothier South at 8 thick fog again
6						at 1 P.M. fog lifted again saw
7	Gauges of oil stowed					low land to the Eastward and
8	this day viz				241	saw "Bowheads." lowered 4 boats
9					366	struck a large whale to Larboard
10					370	boat. fore line capsized boat
11					346	took her to ship shot mate off in
12					1323	my boat struck same whale &
1	Last amount				22162	killed him got Bow Boat stove
2					23485	by 8 P.M. had whale to ship and
3						all boats wind blowing a gale
4	Total 745 bbls 17½ gals					from S.E. with a dense fog at
5						9.30 commenced cutting with
6						everything clewed up sounding
7						from 20 to 24 fathoms heading
8	Took our 8th Whale					to the Eastward
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From "Cape Lisburne" towards "Gowheads" A.D. 1880-

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of August- 18
1						A strong N.E. gale with cloudy
2			Monday 16th August-			weather and thick fog @ times
3						All sails clewed up and down
4						heading to the Eastward Employed
5			Bar 30-000			cutting at 6.30 A.M - finished the
6			Ther 42 Fahr-			largest whale we have taken judge
7						he would make 180 barrels if we
8						could try him out by himself but the
9			Gauges of oil stowed			Blubber room is about full all
10			this day viz		331	the time - during forenoon Employed
11					321	in cleaning away head bone 11 ft-1 Inch
12					255	long 14 Inches broad - very heavy
1					369	Sounding in 20 to 22 fthms -
2					378	@ 2 P.M. furled fore topsail close reefed
3					1651	main set fore & mizzen staysails
4			Last- Amount-		23.485	heading to the Eastward Employed in
5					25.136	boiling soundings from 20½ to 22 fthms
6						blowing a gale from N.E. cloudy
7			Total 797 Bbls- 30½ gals			weather & fog -
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of August 18 80
1						A strong N.E. gale & clear with
2			Tuesday 17th August-			cloudy weather and fog @ 2 reduced
3						under close reefed main sail &
4			Bar 29-900			storm sails & then East soundings
5			Ther 44 Fahr			21 fthms @ 12 Midnight @ 6 A.M were both
6						N soundings 18 fthms @ 9 were to the E
7						again in 23 fthms sun out bright &
8						gusty clear Employed in boiling seven
9						several whales too rough to lower
10						the boats - At 12 M Moderating
11						fast set close reefed sail to split
12						At 3 P.M quite smooth sun dipping
1						behind low land to the East 12 to 14
2			Ships cabins stink			miles and a barque to the South
3			like a Chinese Market!!			whaling @ 3.30 lowered to boats
4						for whales saw many @ 7 P.M
5						recalled them whales stuntled
6						all going to windward
7						
8						
9						
10						
11						
12						Lat- 70-39 Long 162 = 20 W'ld-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Lisburne towards Bowheads S.E. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of August 1880
1						
2			Wednesday 18th August			Calm and cloudy throughout
3						Empd in boiling and stowing
4			Jan 30 — 000 —			down in starboard side of fore
5						hold double reefs and fill set-
6			Thur 30 Calm			saw a bugeye to the Sp cutting
7						took in stove boat and put-
8						out spare one afternoon
9			Gauges of oil stowed			light fog sounded in 20 fth
10			this day viz		231	have seen no whales today think
11					368	they have gone to the S.E. for saw
12					337	many seal but few birds
1					162	
2					340	
3					183	
4					312	
5					331	
6					2264	
7			Last amount		25736	
8					27.400	
9						
10			Total 869 bbls 26½ gals			
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of August 18
1						A light SE wind clear pleasant
2			Thursday 19th August			weather Increased sail to
3						W.S. gallant sail on diff tacks
4			Jan 30 000			saw this "Groups" Killed 2 whales
5						Empd in boiling & stowing down
6			Thur 4th Calm			in after hold shifting fresh
7						water 2 bbls water all hands
8			Gauges of oil stowed			At 3 P.M. saw Bowheads"
9			this day viz		200	lowered 4 boats struck and
10					293	secured a whale to the Starboard
11					372	boat and by 11 P.M. finished
12					865	cutting 3 three whales what
1			Last Amount		27.400	Startled go but little ways
2					28.265	but have been with windward
3						of us all day
4			Total 893 bbls 19½ gals			
5						
6						
7			Took on 9th whale			
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Lisburne" towards "Kowhead" A. D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of August 1880
			Friday 20th August			A light S.E. wind with thick fog on our diff tacks under topsail and jib Sounding 20 fths 6 A.M. 23 fths 6 P.M. Empd Du boiling at 4 P.M. fog lifted saw "Pipsuk" whales and saw the Rogers "Some 2 Miles to the S.S. Lower 4 boats for them. Found our "Starting Tanks" between decks leaked so bad that we took 44 bbls and stowed 4 Casks of Bread 1 Cask Flour and 1 Cask of Beans Tea Rice & Sugar Ended plus a general Foiled day at 8 P.M. a calm and thick fog again @ 9 P.M. a light S.W. wind & fog lifting
			Gages of oil showed this day viz		262	
					330	
					292	
					222	
					1106	
			Last Amount		28.265	
					29.371	
			Run 30-090.			
			Ther 44 Fahr			
			Total 932 bbls 13 gals			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of August 1880
			Saturday 21st August			A light South'y wind with fog and fog @ 6 A.M. fog lifted Spoke Barque Rogers "10 Whales" Through the day thick fog lifting @ times - about Knot of time under topsail Empd Du boiling Steering down shifting trim & making Setting up the tanks etc. Saw not whale this day - at 8 P.M. a light S.W. wind Increasing E.S.E. wind clear out low calm @ 10 Commenced Du 12 fths of water -
			Gages of oil showed this day viz		370	
					370	
					382	
					246	
					1368	
			Last amount		29.371	
					30.739	
			Run 30-360			
			Ther 46 Fahr			
			Total 975 bbls 26½ gals			

Lat by Sumner 70-45 N Long 161-10 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Lisburne" towards "Yorkheads" A. D. 1880.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of August 1880
1						A light & W. airs and a thick fog
2			Sunday 22d August			In 1/2 fthm of water made sail
3						& fill empd in boiling @ 8 a m in
4			Bar 30.300			11 fthm. anchored and cleared down
5			Ther 46 Fahr			the sails at 8 a m fog lifted and
6						a clear beautiful day was the
7			Images of cucks stowed			result. 5 canoes came off to the
8			this day viz		150	ship from the land about 4 Mile
9					140	distant judged we were off
10					299	"Wainwright Inlet" at 8.30 hove
11					370	anchor and stood to the west
12					162	the "Sea Breeze" then at anchor
1					1121	to the N towns 3 miles also got underway
2			Last Amount	30.739		at 9.30. saw her take a whale one
3				31.860		boats also down. the "Rouge" &
4						"Stanley" in sight and as far as I
5			Total 1010 bbls 12 gals			can see. Smoke due to the NE I think
6						comes from the "Mary & Helen" at 12
7						M Starboard boat struck and killed
8			Took on 10th and 11th			a large whale took him to ship &
9			whales			commenced cutting two boats still
10						chasing off to the South many whales
11			Too busy to take observations			at 8 P M took another to Starboard boat
12						at 9 had him alongside & cutting

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of August 18
1						A Moderate NE. wind with light
2			Monday 23d August			rain & fog at times. cleared down
3						and cutting at 7 a m finished
4			Bar 30- 270-			carg in clearing away the heads
5			Ther 42 Fahr			saw a Brig. Schooner & a Bengue
6						and several whales going quick
7						All hands pretty well tired ship
8						heading to N. W. 1. emp in pumping
9						ship out. have had no time to pump
10						for 24 hours - and this Noon last course
11						was to pump 1 from 15 minutes
12						Pt 5 P.M. had the decks cleared up
1						Rigworks stretched and under
2						double reefed topsails heading on the
3						wind E by N. wind freshening gradually
4						saw Ice some 5 miles to the North
5						and a Brig cutting to the NE
6						
7						
8						
9						
10						
11						
12						No Observations -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Libourne" towards Bowheads A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24 day of August 1880
						A fresh S.E. wind with thick
			Tuesday 24th August			foggy aback on diff tacks, under
						double reefs Employed boiling
			Bar 30-180			and stowing down in after
			Ther 50 Sahe			hold. At 12 M fog lifted and
						Sun came out bright and
			Gauges of oil stowed			clear Send with 8 some 10 mile
			this day viz		326	3 sail in sight Saw Bowheads
					261	lowered 5 boats wind died out
					188	to a calm could not strike 3
					140	boats went Sunshine kept very
					250	many whales. @ 8.30 boats
					320	returned reft "Francis Palmer
				1.455		4½ whales calm all night
			Last Amounts	31.860		many whales around
				33.345		
			Total 1058 Bbls 18 Gals			
			Saw many Whales			
						Lat 70.32 Off "Icy Cape"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of August 1880
						Calm and clear. Employed boiling
			Wednesday 25th August			lunge to the Eastward 10 miles
						Ice Pack to the S. 5 Sail in sight
			Bar 30.220			@ 9 A M a light S.E. wind sent 4
			Ther 52 Sahe			boats in towards the land @ 2
						P. M. struck and saved a whale
			Gauges of oil stowed			to Bow Boat took whale to ship
			this day viz		161	by 3 employed in cutting with 3 boat
					372	crews. 2 boats chasing whales
					260	at 8 P M Starboard Boat struck &
					154	saved a whale. and by 9 P M we
					947	had finished cutting the first &
			Last Amount	33.345		had the second alongside. a
				34.292		canoe off from the Island some
			Total 1088 Bbls. 20 gal			10 miles dist "Blossom shoal" in
						sight to the S. and many whales
						have been seen apparently "@ home"
			Took our 12th & 13th			Employed cutting Bowheads
			Whales			ranging from 12 to 13 ft the
						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Sibiwing" towards "Bowheads" Ct. Q. 1850.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of August 1850
			Thursday 26th August			A light S.E. wind cloudy weather light rain. Emp in pumping ship for quity 2 hours she not having been pumped since 6 A.M. yesterday and cutting in & in the 2d while finished by 9 A.M. and sent all hands below for a nap up to 12 Meridian when we started in boiling & cleaning away the heads. Our blubber room is now as full as it will hold from fore to main hatch for this 4th time this month could find no room for another whole at present save the "Rorquals" cutting & lund to the S.E. weather clear pleasant with light S.E. winds Ice in sight to the S & S. Miles
			Bar 30-000			
			Ther 50 Sat Noon			
			" 60 Night			
			Grages of oil stowed this day viz		266	
					362	
					628	
			Last amount-	34.292		
				34.920		
			Total 1105 bbls 12½ gals			
			Ff Icy Capr			No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of August 1850
			Friday 27th August			A light S.E. air clear pleasant weather under double reefs aback. at 5 A.M. seen many whales further to the East- lund distant some 10 miles the "Francis Palmer in sight cutting his 5th whale & the Revenue Cutter "Corwin" to the S.E steaming to the Westward Emp in boiling stowing down setting up blubber this day @ 7 A.M. lowered 2 boats at 10 came in thick fog at 2 P.M. fog lifted saw boats with flag set to leeward ran off and took a large whale alongside from Starboard boat and cut in by 10 P.M. had about half the blubber on deck sounding in 10 fthm off "Blossom shoals". stood to the S.W. until we struck 16 fthm then hove to. all night on Starboard tack wind blowing gentle strong
			Bar 30-200 falling			
			Ther 44 Sats			
			Grages of oil stowed this day viz		180	
					260	
					440	
			Last amount	34920		
				35.360		
			Total 1122 bbls 10 gals			
			Took our 14th Whale			No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Lisburne towards Kowheads A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.
1					
2	Saturday 28th August				
3					
4					
5	Bar 30-200				
6	Ther 46 Fahr				
7					
8					
9	9 pages of oil stowed				
10	this day viz				204
11					342
12					60
1					282
2					208
3.					1.096
4	Last Amount				35.360
5					36.456
6					
7	Total 1157 bbls 10½ gals				
8					
9					
10					
11					
12					

Remarks, 28th day of August 1880

A strong N.E. wind & clear lowering on diff tacks employed as usual at deck. Employed in boiling blowing down setting up shrouds breaking out etc Saw 2 whales from the deck - did not lower as this ship is what whalemen called "Blubber logged" in the fullest sense - a strong wind and cloudy weather throughout No "Mastheads" sounding 17 fthy - At 12 M close reefed main topsail and furled fore topsail heading to the Eastward all day. @ 8 P.M. Saw a schooner running off before the wind with gaff topsail set: think it the "Lolelia" of Honolulu bound out last sept - 14th August - with one whale by this "Sea Breeze"

No Observations - Sun Obscured

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.
1					
2	Sunday 29th August				
3					
4	Bar 30.20				
5	Ther 42 Fahr				
6					
7	9 pages of oil stowed				
8	this day viz				290
9					157
10					303
11					205
12					50
1					100
2					200
3					170
4					170
5					310
6					181
7					2.136
8	Last Amount				36.456
9					38.592
10					
11	Total 1225 Bbls 4½ gals				
12					

Remarks, 29th day of August 1880

A strong N.E gale clear weather under close reefed Main topsail Fore & M. sail on diff tacks Employed in stowing off Port side of fore deck - boiling "Setting up shrouds" etc sounding 18 fthy @ 12 M set fore topsail close reefed & Mizzen Staysail stood to the S.E. W. until 6.30 when wore to the East and furled fore topsail wind blowing fresh but clear weather Saw only a few whales this day

Lat 70-13 Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape "Lisburne" towards Yourheads A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of August 1880
1						A Strong N.E. gale with clear weather
2			Monday 30th August			under close reefed M. & F. sail &
3						storm sails heading to the East-
4			Dar 30 - 00 Falling			ward & in boiling & stowing down
5			Then 44 Lahe			setting up shooks &c @ 10 a m
6						saw land ahead at 4 P m
7						spoke Brig "Hidalgo" bound out
8			Gauges of oil showed			"casks full" & whales" @ 4.30
9			this day viz		267	spoke Barque "Francis Palmer
10					181	boiling and bound out with
11					330	7½ whales. saw the Lahe "Alaska"
12					351	also bound out. Capt William
1					359	reports him with 600 bbls oil and
2					331	12 heads bone - saw a barque
3					1819	called the "Stanley" to the windward
4			Last Amount		38592	on a wind. at 7.30 P M wore
5					40411	ship to the N.W. & sounded in
6						12½ fms water Point Lay S E
7			Total 1283 bbls 27½ gals			20 miles. Near land about 12
8						saw a whale to leeward called
9						him a Bowhead too rough & too
10						late to lower under our
11						circumstances
12						Obtained an observation. Am too tired to work it-!!!

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of August 1880
1						A fresh N.E. wind moderating
2			Tuesday 31st August			with clear pleasant weather
3						Under close reefed M Topsail
4			Dar 30-00			and storm sails on diff tacks
5			Then 46 Lahe			Employed in stowing down setting
6						up shook casks boiling &c etc
7			Gauges of oil showed this			took all shooks on deck have
8			day viz		181	more than will fill the ship
9					220	by 200 bbls. would like very
10					112	much to sell them - Over
11					119	Cooper is such a verdant novice
12					242	that I am obliged to set the
1					151	shooks up myself - on this
2					1025	East tack all day from 4 a m
3			Last Amount		40411	to 5 P. M. when we wore to the
4					41436	N.W. the current has changed
5						and we are setting steadily
6			Total 1315 bbls. 13½ gals			down towards Cape Lisburne
7						they lie some 12 miles dist
8						to the South of "Point Beaufort"
9						
10						
11						Lat 69-25 North
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Liberance" towards "Gowheads" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1½ day of September 1880
1			Wednesday 1½ September			A Moderating N.E. wind cloudy
2						weather with rain sprinkling
3			Bar 30-000			@ times at 3 a m Set double reefs
4			Ther 40 Fahr			and fore and aft sails. on the
5						wind heading S.W. Employed
6			Gauges of oil showed			"boiling" "stowing down" "setting up
7			this day viz		300	shrouds" etc. Have been @ work
8					358	coopering all day myself. for the Coopers
9					184	I have got 2½ a
10					300	
11					288	
12					174	
1					160	
2					1764	
3			Last amount		41.436	
4					43.200	
5						
6			Total 1371 bbls 13½ gals			
7						
8						
9						
10						
11						
12						Lat- 69-40 Long 164-48 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of September 1880
1			Thursday 2d Sept			A Moderating N.E. wind with rain
2						cloudy weather. Afternoon clear
3			Bar 30-040			and pleasant- little or no wind
4			Ther 42 Fahr			Set whole topsails. Employed
5						boiling Setting up shrouds putting
6			Gauges of oil showed			Spare Sails in rope. shifting
7			this day viz		202	fresh water. Stowing provisions
8					363	between decks. stowing in after
9					302	hold & Etc. Seen 4 "Canoes"
10					202	
11					261	
12				Aft Hold	211	
1					190.	In between decks aft- on the port side
2					1751	are 2 casks fresh water 16 bbls Pork
3			Last amount		43.200	10 bbls Molasses. 10 bbls Vinegar and
4					44.951	1 cask of Flour
5						
6			Total 1420 bbls 21 gals			
7						
8						
9						
10						Lat- 69-30 Long 165-04 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Lisburne towards Bowheads A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of September 1880
1						A Moderately Easterly wind with
2			Friday 3d Sept			cloudy weather Under topsails
3						H.H.&I Employed in boiling Letting go
4			Bar 30-000			Hooks - Shifting Junk Water
5			Ther 42 Fahr			Stowing down etc & Split In
6						Light - Lat by D.R. at 12 M Lean
7			Gauges of oil showed			Ly by the South some 8 miles
8			This day viz		260	At 2 P.M. spoke Bengue
9					247	"Hunter" of New Bedford with
10					248	12 whales reports having spoken
11					360	the Steamer "Mary Helen"
12					290	Yesterday with 27 whales
1					362	bound out - full 230 bbls
2					343	Blubber on deck At 3 P.M
3					241	a calm at 8 P.M a South
4					2351	wind Moderate with much
5			Last amount		44951	rain up to 12 M Snow
6					47302	rain Sleet - and wind reduced
7						to double reefs
8			Total 1300 bbls 20 gals			
9						
10						
11						
12						Lat 70.34 North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of September 1880
1						A Moderate Northerly wind that
2			Saturday 4th Sept			by 7 A.M had veered around to
3						the S.W. with clear pleasant
4			Bar 29-900			weather Land to the Eastward
5			Ther 42 Fahr			8 Miles dist - 3 ships @ anchor
6						along the coast and 2 under
7			Gauges of oil showed			weigh & In all with the "Hunter
8			This day viz -		292.	At 6 30 A.M saw a number of whales
9					260.	lowered 4 boats "Struck" and
10					281.	saved a fair sized whale to
11					206.	the Larboard boat - took him
12					280.	to Ship at 10 and finished cutting
1					287.	by 4 P.M. 2 boats off chasing
2					1606	Lat 8 P.M finished stowing
3			Last amount		47302	down all the oil from our two
4					48908	whales. as we cooked down just
5			Total 1552 bbls 20 gals			as we took this one alongside
6						wind out fresh from S.E @ dusk
7			Took our 15th Whale			but clear 2 Reefs in
8						sight to the Leeward under
9			This whale fought like a			double reefs heading S.W - Two
10			"Right" or "Black Whale"			Sail in sight from Masthead. very clear!
11			Stove Larboard boat			
12						Lat @ Noon 70-13 - South of "Blossom Shoal"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Libburns" towards Yowheads A D 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of September 1880
1						During night wind veered around to the Eastwards with fog and rain on cliff tacks &c 12 the watch At six A M set all Sail & Split sail and doubly reefed topsails Empd in breaking out after hold on Starboard Side and stowing Beef. in fore hold & other provisions between decks aft At 12 M commenced boiling At 6 P M saw whales lowered 4 boats they "Hunter" struck and our boats chased off to the Lee Back some 15 Miles Off shore Joined at dark returned Spoke "Sea Breeze" boats with 16 whales wanting one to fill. Saw our Sail at anchor and 2 others to the S & E to all
2			Sunday 5th Sept			
3						
4			Bar 29-68			
5			Ther 40 Sahe			
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 70 = 32 South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of September 1880
1						A light S.E. wind at 4 to 12 M when it died out was calm at 4 A M heard a number of whales Spouting lowered waist-boat came up & recalled this boat. at 8 A M blowing fresh from S.E. Middle double reefs Empd in boiling Setting up casks shifting water &c. this Saw this "Rainbow" take a whale. at 9 A M lowered mate down for whales comming quick to windward Struck and saved a large whale took him to the Ship and finished cutting by 7 P M laying with all sail clewed up heading S this & W. at dark. the "Rainbow" also to leeward. Saw to Sail and this land to the East some 10 Miles weather cloudy with fog and frozen Mist Squalls Empd in clearing away the head
2			Monday 6th Sept			
3						
4			Bar 30 000			
5			Ther 42 & 40 Sahe			
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5			Took our 16th Whale			
6						
7						
8			Another whale like this			
9			and I am off !!!			
10			as it will be all I			
11			can carry !!!			
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Lake Superior" towards "Yokoheads" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of September 18
1			Wednesday 7th Sept			A fresh S.E. wind all night and
2						clear lying still with all said
3						clewed up until 5 A.M. headed
4						to S.W. when we set double
5			Bar 30 - 150			reefs and fore and aft sail
6			Ther 36° Sahn			and stood in shore to the E
7						Engd in stowing down &
8			Gauges of casks stowed			setting up hooks - at 8 A.M.
9			this day viz		170	saw 2 Whales lowered 4 boats
10					216	struck and stowed a small
11					246	bull whale to the Bow Boat
12					232	took him to ship by 12 and
1					864	finished cutting by 5 - as this
2			Last Amount		48.908	whale is not large enough to
3					49.772	fill all my spare room I
4						must try and get another
5			Totals 1380 bbls 2 gals			tomorrow. Saw many today
6						all going to windward
7						Saw the "Rainbow" Take a
8						whale and low land to
9			Took our 1st Sp Whale			the E. & S.E. which I think
10						is off "Wansight Inlet" Some
11						light snow squalls today
12						Lat 70 - 48 S.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of September 1880
1						A light S.E. wind cloudy with
2			Wednesday 8th Sept			light snow squalls standing off
3						shore all night to S.W. at 5 take
4			Bar 30.280			in - double reefs and fore & aft
5			Ther in hm 50 shade 36 Sahn			sails and wore to the Eastward
6						At 8 A.M. saw 2 whales lowered 4
7			Gauges of oil stowed			boats and lost run of them
8			this day viz		229	recalled boats cleared off pleasure
9					230	saw only "Ripsacks" sail to windward
10					459	and low land to the Eastward
11				49.772		some 8 miles sounding 12 fths
12				50.231		At 10 A.M. wore S.W. and found
1						all sail bound out for I have
2			Totals 1394 bbls 20 gals			all I want and the leak is
3						making me uneasy. Employed
4						boiling setting up hoop casks
5						and stowing down in Aft hatch
6			Full ships bound			saw many whales this day
7			for San Francisco			we were then about South Lat
8						but weather cloudy and no
9						land in sight wore S.W. at
10			3 whales in "Blubber Room"			4 P.M. at 7 P.M. W wind light
11						
12						Lat noon 70.00 Long 162.29 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From "Cape Lisburne" towards "Cape Lisburne" A.D. 1880.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of September 1880
1						A Moderate S.E. wind with cloudy
2			Thursday 9th Sept			weather and light fall of Snow
3						Steering S by W- under Main Royal
4			Bar 30-200			at daylight-hauled up S.E. @ 8a m
5			When Morning 32		Sahn	saw the land ahead bore S by E-
6			" Evening 36		"	At 4 P.M saw Cape Lisburne
7						S.W. bore S W by S. saw many
8			Gages of oil showed			Eider ducks & a few "Pipsack Whales"
9			this day viz		200	At 5h P.M. wind light- & clear
10					270	and pleasant- Emp 2n boiling
11			In fore hold there are		330	and stowing down after hold
12			3 bbls Molasses 14 bbls		201	Chocked off the habitt with one
1			of Beef & 6 bbls Pork		213	Cask fresh water- I wish now
2					222	I had waited another day &
3					229	got one more whale for I do not
4					150	think there will be quite enough
5					1815	to fill my blubber room but- I
6			Last Amount-		50231	thank God for the favors he has
7					52046	shown me and am satisfied
8			Total 1652 bbls 8 gals			with my condition. Considerable
9						Ice formed last night- the high
10			"Cape Lisburne" S.E.			land S of the cape well covered with
11			20 Miles			Snow-
12						80 Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of September 1880
1						Light- N.E & variable clear weather under
2			Friday 10th Sept			Main Royal S by W At 8 a M passed
3						within 5 Miles of Cape Lisburne"
4			Bar 30-110			Considerable Snow on the high
5			Thm 2m To Shade 46			Land. Saw "Pipsack Whales"
6						Emp 2n boiling and stowing
7			Gages of oil showed			down. Nearly Calm greater part
8			this day viz		330	of day steering S & S by W at 7 Pm
9					258	Saw the hooker on point
10					302	Hope S.S.E probably 10 Miles
11					134	At has been very warm today
12					1024	Sunshine greater portion of it
1			Last Amount		52.046	
2					53.070	
3			Total 1684 bbls 24 gals			By my observations this afternoon
4						My Chronometer is quite 20
5						Miles too far East- but the
6						horizon was not free from
7			The leak seems to be			refraction therefore I cannot
8			decreasing as the ship			allow its Rating until I again
9			grows deeper?			verify it-
10			In lower hold aft are			
11			5 bbls Pork 2 bbl Molasses			
12			and 2 Vinegar-			Lat Noon 68 44 Long 161=13 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Libwrne" towards "East Cape" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of September 1880
1						A fresh N. Wind sprung up last
2			Saturday 11th Sept-			night - @ 9 P.M. and has continued
3						throughout the day under main
4			Bar 30.200			royal and foretopgallant sail Stm
5			Ther 47 Fahr			SbyW to SbyE to make forward sails
6						draw. Emp 2m boiling setting
7			Gages of oil stowed			up Hook casks - and coopering
8			this day viz		309.	and stowing full casks between
9			Between decks		330.	decks - saw a few pieces of drift wood
10					205.	and gulls up to 7 P.M. when we
11					313.	saw high land bearing S.S.E. which
12					186.	I think is "East Cape" Wind so
1					285.	so Indistinct that I do not care
2					204	to run so reefed sail to
3					1832	double reefs and laid aback with
4			Last Amount		53070	jib drawn heading SSE - & boarding
5					54902	@ 12 M.N. wore ship to the West & laid
6						aback
7			Total 1742 bbls 29 gals -			
8						
9						
10			East Cape S.S.E. 30 miles			
11						
12						Lat @ Noon 67 = 14 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of September 1880
1			Sunday 12th Sept			At 3 A.M. daybreak. kept off S.S.E under
2						double reefed topsails with a fresh
3			Bar 30-00 Falling			N.W. wind Emp 2m boiling breaks
4			Ther 40 Fahr			thick, gloomy, wet & cold with frozen
5						mist falling & sleet - at 6 A.M.
6						saw Icy hummock & they Eastward
7			Gages of oil stowed this			hearing made all sail @ daylight
8			day viz		361	and headed from SE to NE with
9					342	a good breeze from the west &
10					211	run until 12 M when Sl cleared
11					211	up and we saw "Cape East" W.S.W.
12					358	10 miles and a point of Ice that
1					181	extended about to the South kept off
2					334	& saw the Diomede 12 miles
3					1998	ahead for about 6 hours we had ran
4			Last Amount		54902	along the edge of this Ice pack & the C
5					56900	sometimes we could see only a few
6						scattering pieces @ others the pack of
7			Total 1806 bbls - 1 gals -			no thing over ½ mile dist
8						cooled down to avoid the smoke &
9						stowed oil in Bhother Room. afternoon
10			Sw Belongs Straits			light baffling airs and calm East Cape W
11						15 mile the Diomede & "Fairway Rock" North
12						headed N. Lawrence & Ice along shore in sight

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

Lat 65 - 2 - 20 - 169 - 24 -

From "East Cape" towards "Plover Bay" N.P. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of September 1880
1						Calm and clear all night. at 12 M in
2			Monday 13th Sept			finished boiling. At daylight we
3						were just where we were last night
4			Bar 29.820			between the Cape and the Diskwash
5			Ther 40 Fahr			with a strong Northerly current
6						At 5 A M a light Northerly wind
7			Gauges of oil stowed			under all sail on diff tacks
8			this day viz		358	working to the South'd & Eastw'd to the
9					207	S.E. that I call the "Eliza" Emp in
10					289	stowing oil in Blubberroom full
11					205	found a cask leaking in fore hold
12					1059	took it up and coopered it. the
1			Last Amount		56900	rest of the day Emp in cleaning up
2					57.959	decks stowing away fluke chains
3						& trying Whale & Blty at 3 P M
4						a light & V W wind from a calm
5			Total Amount of oil			bore S.S.W. under all sail the
6			Stowed below decks			"Eliza" ahead Both Heads of
7			1s 1839 bbls 30½ gals			St Lawrence Bay in sight also
8						a strip of Ice all along shore
9			Course S.S.W.			At 11.30 P.M. came up with Ice took
10						in light sails and laid aback to
11						the S.E. with jib down —
12						So Moderate & —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of September 1880
1						A fresh S.W wind and clear
2			Tuesday 14th Sept			Land aback under topsails until 3.30
3						A M when we kept off S.E At 7 A M
4			Bar 29.960			passed last point of Ice stood all
5			Ther 40 Fahr			sail to the S.W by S. At 12 M calm
6						and clear. Capt Tinney of the "Eliza"
7						came on board reports 16 whales
8						4 in blubberroom Afternoon
9						a fresh South'd and clear
10			Spoke Barque "Eliza"			Weather until 7 P M when
11			16 Whales 4 Stills			tacked off shore to E.S.E. land from
12			In Blubberroom			S by E "Indian point" to South Head
1						"St Lawrence Bay" in sight — and
2						scattering Ice ahead. Ambert
3						foretopsail & foresail and bent
4						others. rove new running gear
5						took in Starboard Boomboat &
6						"cutting stage". Stowed old sail
7						on top of oil between decks
8						at 7 P M fresh breeze reefed
9						sail to Fore & aft & fly jibs
10						by 9 had all light sails in worked foresail
11						Finger
12						Sat @ Noon 64-33 North —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "East Cape" towards Hoover Bay N.Z. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15 day of September 188
1						A fresh South'y wind Increasing
2			Wednesday 15th Sept			In force but clear by daylight It
3						was blowing a stiff gale reduced to
4			Bar 29=780			close reefed fore double reefed main
5			Ther 44 Fahr			foresail and storm sail at 8 a m
6						moderating some set foresail and
7						reefed mainsail and by 4 P m
8						had main topgallant sail off jib &
9			Nothing but birds seen			heading on the wind all night
10			seen upon to-day -			SE. At 6.30 a m wore to the W'ds
11			until sunset - pelagic			Employed in scraping off the dirt from
12			the "Eliza" H Ice beam			inside ship that has accumulated
1			Bird W.N.W and the			fast since we commenced our
2			Land to the Westward			whaling - and reeving new
3						running gear in various
4						places ~~also~~ At 3 P m took a mod
5						& wind bore S.W by S under all
6						sail and ran until 11 P m
7						before an increasing wind when
8						it came on to snow hove to with
9						wind aback heading to the Eastward
10						
11						
12						Lat 64=43 S Long 170=07 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of September 1880
1						Laying aback with a fresh S'd wind
2			Thursday 16th Sept			and thick snow storm heading
3						to the Eastward under reduced sail
4			Bar 30=050 Rising			at 5 A m could see perhaps 5 or 6
5			Ther 50 Fahr			miles kept off S.W wind increasing
6						reduced to double reefs and jib
7						at 8 A m In light colored water &
8			@ 12 m It cleared off			tide rips at 8.30 In darker water
9			pleasant saw the "Eliza"			blowing we had passed Indian
10			coming from the East			point - Headed up W.N.W at 9 hy
11			just as we took anchor			S at 10 It cleared up a little saw
12			and saw the Schr Julia			the land off "Mercury Bay" bore
1			Long run back and			along the coast for "Hoved Bay" at
2			anchor off East Head			11 Spoke Schr "Julia Long" who reptd
3			for shelter Strong			the loss of Schr "Loleta" on St Lawrence
4			S by E wind all sail			Island and bound there had
5			saw a canoe & whaleboat			Capt Dexter on board It was blowing
6			come from Plum Bay and			so hard could not understand all he
7			go around to "East Head"			said - reptd steamer "Mary & Helen" &
8						"Progress" Inside they both with 17 whales
9			Lat 64-00 S			each 12 anchored close to "East Head" In
10						7 fms water sent off 3 natives on shore
11			Long 172. 12 East			with two boats blowing fresh & cooler
12						but clear. at 2 took anchor for San Francisco

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Rover Bay" towards Fox Islands T. D 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of September 1880
1						A subsiding S.E. wind and clear
2						weather Under all sail S by E until
3			Friday 17th Sept			6 A M then S.S.E found the oil
4						recently stowed between deck leaking
5			Bar 30-180			broke out and after pumping
6			Ther 46 Fahr			out one cask Into an empty water
7						cask we managed to stop the rest
8						we have neither sand or chalk
9						on board and the cask are so
10						covered with oil that its a hard
11						matter to cooper them. If they had
12						been properly fitted they would not
1						have occasioned but the Cooper
2						I have is a miserable workman
3						and just now about as near
4						Nothing as can be. one cask has
5						quite 2 barrells leaked out
6						Another 10 gallons and how many
7						like them In the hold there are
8						Goodness knows @ 12 M calm at
9						3 P M a light W wind at 7 fresh
10						breze fanned light sails heading S by
11						E Emp In washing Inside ship
12						Lat 62-50 N Long 175.43 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of September 18
1						An Increasing South East wind
2			Saturday 18th Sept			with rain Standing to the East
3						by 2 A M had reduced to double
4						breze and storm sails heading
5			Bar 29-960			S by W with a heavy confused
6			Ther 46 Fahr			Swell - At 5 A M set foresail
7						by 12 M was heading her course
8						S.S.E. Emp In stowing Spare
9						fluke chains aft and putting
10						Spare Rubber & Ice hooks aft
11			On the Run this day			Boat anchors Etc In the Run
12			2 Rubber Hooks			to trim ship as she is too
1			6 Boat Anchors -			much by the head Pitching
2			4 Ice Hooks -			violently In this Breeze which
3			1 Blacksmiths Anvil			Is so high that I think it has
4			2 Large Chain Straps			been blowing a gale to the South
5			1 Chain Stopper			of us At 8 P M Set Main Sail &
6			2 pieces short Chain			Single Reefs Set Foresail from
7			3 bars 1¼ Inch Iron			from the E.S.E cloudy weather
8			3 coils Whaleline has			Steering S.S.E.
9			been wet with salt water			
10			All Spare Sails In			
11			the Sail Room & 3			Lat 62-20 N Long 174-02 W.
12			coils whaleline -			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

9 coils In all on board

From Hover Bay towards Tot Islands S.I.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of September 188
1						Moderately E.S.E. wind with cloudy
2						weather and high swell made
3			Sunday 19th Sept			Moderately steered S.S.E @ daylight
4						wind veering more to the Eastward
5			Var 29-540			At 10 A M calm - saw many
6						"finback whales" and Birds
7			Dev 4E - 5W			At 12 M a light South wind
8						At 6 P M fresh breeze from
9						S.W. furled topgallant sails
10						heading on the wind S.S.E
11						by 10 P M it was blowing a gale from
12						the Westward steering S.S.E under
1						double reefed Main & Mizzen reefed
2						foretopsails and storm sails
3						ship pitching heavily against
4						the high Southly swell
5						
6						
7						
8						
9						
10						
11						
12						Lat 61-14 K

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of September 1880
1						A heavy gale from the West &
2						clear blowing T.S.S.E at 8 a m
3			Monday 20th Sept			close reefed Mainsail
4						Barometer rising fast -
5						At 12 M set reefed foresail
6			Var 30-240			At 2 P M reefed mainsail
7						At 4 one reef out of topsail
8			Dev 4E Sub			jib and maintopmast staysail
9						set At 6 P M out reef in
10						the foresail wind and
11						sea both subsiding fast
12						saw a Number of fine seal
1						
2						
3						Another cask of oil between
4						decks is leaking fast and
5						we cannot stow the tier
6						to shift - At 2 AM a water cask
7						At 4 AM so rummaged -
8						
9						
10						
11						Lat 58-52-N Long 173-49 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Plover Bay" towards "Fox Islands" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of September 1880
1			Tuesday 21st Sept			A Moderate West wind last night
2						up to 11 oclock when it died out
3			Bar 30–000			to a 3 knot-breeze and at 3 a m
4						it was calm both fog signalls
5			Ther 46 Sahn			and so continued up to 1 P m
6						found another cask of oil in
7						the between decks leaking bad
8						saved about 60 gallons out of 334
9			One cask of 334 gallons			gals gauge and pumped another
10			of oil between decks			of 207 gallons into a water cask
11			nearly all leaked out			as the hoops were dropping off
12			filled 2 Beef barrels			This is all occasioned by having
1			out of it: and there			an Incompetent cooper -
2			was left about 10 gals			finished washing the Lunick
3			in it: left the cask in			of the ship off. At 1 P m a
4			its place to check the fire			breeze sprung up from S. S. E & by
5						6 P m it was blowing fresh and
6						had cleared up some pulled
7						Mainsail and double reefed the
8						Main topsail single reefed fore
9						foresail At 7 m stay sail and
10						storm sails set steering S. E by E
11						saw a number of fur seal and
12						caught 1 codfish – No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of September 1880
1						A fresh N. W. wind clear with fine
2			Wednesday 22d Sept–			mist-squalls and high sea
3						Moderating somewhat by 8 a m
4			Bar 30 140–			had foretopgallant sail and
5			Ther 50 Sahn noon			Main royal set steering S E by S
6			48 " Evening			½ South up to 7 a m when bore
7			"Norie" says subt the Declination			S E by S ½ S 8 a m S E - at 4 P m
8			from the constitution. and call the			S E ½ S – Emt in sighting the
9			declination South – per Tables &			whalebone by deck 7 P m quite
10			Suns Declination			Moderately wind from the S
11			Sept-22- N-0-04.08.2			under all sail S E ½ S and
12			Long 175° correction 11-25 Subt			Making perhaps 5 Knots
1			0.07-17 South			
2			Time 4 P M Subt- 3.55 add			
3			Polar Dist 90.11.12			
4						In taking out corrections for the
5			Polar Dist- I have subtracted			Suns declination to day for both
6			the Declination from			Long and time they were subtractive
7			90.00.00"			and of larger denomination than
8			viz 04-08			the declination itself and as I
9			89.55.52			can find no explination of such in
10			and worked my time for			either "Bowditch" or the Almanac I
11			this polar distance which			am puzzled & need Information in
12			makes but little difference			such Instances
			at the Equator Lat 55:30 N Long 1 ½ = 14 West–			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Hoover Bay" towards "Fox Islands" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of September 1880
1						A Moderate N wind tending to the
2			Thursday 23d Sept			East and gradualy subsiding - made
3						all sail S.E.½ S. and shut & making
4			Bar 30. 310 Rising			through the 24 hours about 4" knots
5						per hour this gives distance ran
6			Ther 48 Fahr			from 4 P. M. yesterday to 4 P M today
7						96 miles and leaves the nearest
8						land "Tonmaskin" Island distant
9						85 miles for which I am steering -
10						all through the day it has been
11						cloudy with wind from N to N W
12						& tending to the Westward this
1						afternoon with a smooth sea
2						and a rising Barometer and if
3						this continues we should pass
4						the Island by 10 a m tomorrow
5						Employed in reefing Whalebone
6						& stowing it between decks with
7						watch and watch by dusk the
8						wind was tending to the Westward
9						by 12 m it was S.W. but clear and
10						Moonlight showing through the cloud
11						
12						No Observations am Obscure

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of September 1880
1						A Moderate S W wind and gusty
2			Friday 24th Sept			clear some Moonlight steering
3						S.E ½ S under Main royal. by
4			Bar 29 = 700			5 A M wind light from the South
5						heading E.S.E under all sail
6			Ther 46 Fahr			at 5. 30 daylight saw the 3 Islands
7						bearing E of 172 Passage S E to S ½ E
8						distant 20 miles. steered to
9						the Eastward wind gradualy
10						increasing at 8 A M saw the 4
11						Mountainy Islands E to E.S.E at
12						10 A M come in thick cloudy
1						weather obscuring the land
2						wore ship with the Mast and furled
3						all light sails at 11 double
4						reefed and furled courses
5			At dark clewing up to			wind fresh from S.S.E with
6			the Westward and			rain. At 1 30 reduced to close
7			wind standing to S W			reefed M top sail, and storm
8			heading W by N under			Sails heading S W by S. through
9			close reefed M T Sail			the afternoon strong gusts of wind
10			and Storm Sails			and rain at dusk moderated
11						and clewing up some heading
12						West By Southerly

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Plover Bay" "Vessel bound towards" "Off the Fox Islands" 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of September 1880
1						At 12 M wore ship to the S.E. wind
2	Saturday 25th Sept					Spasmodic @ 3 a m set double reefed
3						foretopsail. @ 6 a m one reef out of the
4						Main & M.C.M. S. sail & fore staysail and
5	Bar 29-800					reefed foresail. high west-swell at 10 am
6						wore ship with W. furled foresail & M.C.M
7	Ther 46 Fahr					S sail wind increasing. at 12 M Bpm
8						out made Lat 53.11 wore ship with S again
9						clear overhead but around the horizon
10						thick mist with occasional rain
11						at 4 P M wore ship with W again
12						ship pitching heavily close reefed the
1						topsails. the pumps are now kept
2						going 1/2 an hour every 2 hours which
3						makes me feel anxious again
4						anything more disagreeable than a
5						leaky ship in a gale of wind
6						I know no relief for it or wish
7						to encounter
8						
9						
10						
11						
12						Lat 53-11 N Long 170-08 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of September 1880
1						heading both W.N.W under two
2	Sunday 26th Sept					close reefed topsails and storm
3						sail with a strong S.S.E gale
4	Bar 29.750					and high swell - until 3 a m
5						when we wore ship to the S
6	Ther 46 Fahr					at 8 a m wore to the west again
7						weather thicky with rain
8						reduced sail to double reefed
9	At 6 P M at cleared					M C sail foretopmast and
10	up some to the west					Trysail staysail. finding
11	and wind veered					the ship making more water
12	around to W.N.W.					than usual I went into
1	wore ship to S.W.					the run and commenced an
2	set Mainstaysail					investigation several times
3	reefed and fore					alongside the stern port let
4	Gaffsailing I hope					to an examination of the
5	for better weather					lead pipe to starboard which
6	as this has been most					closet found the pipe leaked
7	tedious =					bad. tore away the facings
8						and caulked it the best
9						I could for the present which
10						makes a material difference
11						in the pumps. as we find her
12	58 Observations =					Lee 1½ rounded 1/2 the [illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Fox Islands" towards San Francisco A.D. 1880-

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of September 1880
1						At 12 M we were abreast of the
2			Monday 27th Sept-			Kept off S.S.E under close reefs and
3						reefed foresail At 5-30 saw the 4
4			Lon 30-05 E			Mountain Islands they N.W one 8&
5			Obs 46 Lats			15 miles a subsiding S.W gale with
6						thick weather over the land made
7						all sail and passed first Island
8						found we could not weather
9						the south W. one so ran between
10						it and the others and passed the
11						S End at 12 Meridian deep water
12						some race but smooth sea & a
1						good S.W. wind soon caused us
2			Pass through the Fox			through passage about 8 or 10 mile
3			Islands between the			wide Afternoon wind light on
4			4 Mountain Islands			S.S.E heading E & E under all
5			into the North Pacific			sail took both anchors on the
6			@ 8 P.M. dark wind shifted			bow stowed again below but
7			to the East fresh light sails			did not unshackle them
8			and stood to the S.S.W by			At 4 @ M a thick mist no land
9			12 M.N. had reduced to			in sight wind light making
10			close reefed M topsail			about 3 Knots
11			wind blowing a gale with			
12			rain from S.E.			Lat- 52-40 N Long 169-06 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of September 1880
1			Tuesday 28th Sept-			A fresh gale from S.E. with much
2			Bar 28-750			rain at daylight calm with a dense
3			Obs 46 Lats			fog and tremendous confused sea
4			roll to leeward the took			from all directions. Bar very low
5			off the Bow boat Davits			28-600 and falling. and until 12 M
6			and all clean. and			there was no change. At 12 M fog
7			in half an hour there			lifted saw the outlines of land to
8			was nothing left of the			the North some 30 miles distant
9			topsail but the rope below			At 1. P.M a fresh W wind & gusts. bore
10			the yard. and to crown			S.E under two close reefed topsails
11			all the pumps had the			a tremendous confused swell from
12			kept going constantly			all quarters Bar 28.700. and as
1			with the men backed to			soon as the wind came it commenced
2			them. I have spent			to rise. wind increasing until 4
3			the best half of my time			P.M it was of hurricane violence
4			trying to stop the leaks			our old topsails showing signs of
5			in her stern frame			splitting took in the jib and hoisted
6			they worked worse in			to the wind heading West- It
7			a small stream at the			was now blowing with perfect
8			stern post below lower			indescribable fury. one half of the
9			deck. and I cannot			main topsail the lee side with a
10			get at the main leak			report like a cannon from yard to
11			I would give all I have			foot and from leech to bunt went
12			made to be safe out of her			all at once. and giving one heavy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Fox Islands" towards "San Francisco" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of September 1880
1			Wednesday 29 Sept-			All through the night hove to under
2			Bar 30 & rising since yesterday			Foretopsail & Mizzen staysail heading
3			Ther 48 & Fair			to the West- with wind blowing with
4			set 2d double reefed at-			great violence- I could not "turn
5			4 P.M. - out reef in Fore			in" (E & under) but wraping my blanket
6			sail & set 3 reefed Fore			around me I laid down. and listened
7			topsail boom E by S.-			to the shreakings of the storm demon
8			The band that holds the			and every slat of the Mizzen staysail
9			tiller in the rudder head			sheet- as she came up into the wind
10			broke short off. and we			would arouse me with a start
11			had to temporarily			thinking the sail had blown away
12			lash it. and about			and expecting she would "fall off"
1			all day I have been			in the "trough of the sea" and have
2			at work stopping leaks			her "decks Swept" but she rode it
3			in the Stern of which			out like a bird skipping no water
4			I found 3 serious			but making heavy lurches @ times
5			ones - I cannot effectually			the clanging of the pumps constantly
6			stop them but I have			was also a strain upon ones nerves
7			materialy checked the			for one could never feel securely
8			flow of the water. by			in a leaky ship - during the forenoon
9			pumping Oakum			wind subsiding sent out bright
10			at it - pumps going			but tremendous sea - at 12 kept off
11			best part of the time			S.E. under reefed foresail - kept all
12						hands bent new M topsail and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th½ day of September 1880
1			Thursday 30th Sept-			A fresh S.W. wind set in 10 P.M. last
2			Bar 7 P.M. 29-400			night- when it commenced to haul
3			Ther 52 Fair			to the S & around by W. Under 2
4						reefed Main 3 reefed fore topsail
5			steering E by S at dark			& 1 reefed foresail E by S.- at 2
6			with fresh wind from			A.M. it commenced raining
7			S.W. Under close reefed			and Moderating Bar falling again
8			M.T. sail & reefed foresail			forenoon thick cloudy weather @
9			weather cloudy. during			12 wind S.E. heading E.S.E.- Employed
10			the Afternoon it has been			shifting heavy weights from run
11			clear. Bar has been			forward and taking whaleboom
12			falling since last night			from aft & putting forward
1			at 7 P.M. it was 29-06			best Main sheet & took Dings
2			at 12 M it was 29-300			from off davits and put on
3			to Night- it has gone			Gripes.- At 1 P.M. it commenced
4			up a little			to blow a gale from S which
5						shifted around to S.W. and
6						blew fresh goose winged Main
7						topsail and headed N.W. but
8			Long by Chron			then kept off E.S.E. Under reefed
9						foresail and close reefed M.T. sail
10			165-00 W			at 2 set foretopsail close reefed &
11						reef out of foresail - at dark furled
12						Fore T sail and 1 reef in foresail

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco A.D. 1880.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of October 1880
1			Friday 12th October			A strong South gale with high sea
2						and cloudy weather under
3						close reef maintopsail & reefed
4			Jan 10 a m 29-45-0			foresail E by S. throughout the night
5			" 4 P M 29. 30-0			during day sun out bright. wind
6						about S by E strong gale bore E by S
7			Then 49 Taken			set Fore & Main & Maintopmast
8						Staysails - At 4 P M Squally furled
9						the Staysails again - a high
10			Wind South gale			sea throughout and occasionaly
11						a heavy swell from the West
12			Weather cloudy			comes rolling along about
1						10 a m changed color of water
2			Distance from 4 Mountain			from dark green to the deep
3			Islands 300 Miles			blue of the North Pacific again
4						Ships does not make as much
5						leeway since we trimmed her
6						by the head - we pump every
7						two hours from 15 to 35 Strokes
8						according to her rolling At 9 P M
9						wind S.S.E blowing hard furled foresail
10						goose winged Main sail & hove to heading
11						East-N-East
12						Lat 49-35 N Long 164. 0 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of September 1880
1						A strong South gale with high sea
2			Saturday 2d October			hove to under goose winged M S
3						Sail and Storm Staysails at
4			Run 7 P M 29-85-0 and			3 A M wind from S.W strong
5			raining slowly all day			gale kept off East set double reefed
6						M T Sail whole foresail and close
7			Then 52 Taken			reefed foretopsail M.T. Main and
8						fore Staysails to make
9						better weather of it kept off
10			Distance run 110 Miles			E by E and so continued through
11						the day - our foretopsail showing
12			Distance to run 1840 Miles			signs of weakness put a foot
1						rope on the old Maintopsail
2						next lower reef band to have
3						it ready to bend if this gives
4						out - A high sea throughout
5						principally from W.S.W but
6						rooms well and seems to
7						make less water than when
8						hove to. we pump now
9						every 2 hours 35 to 40 Strokes
10						
11						
12						Lat 49-21 N Long 161-28 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Fox Islands" towards San Francisco T. D. 1850

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of October 1850
1						A subsiding S.W. gale with Clear weather and high swell steering E & S.E under double reefed main staksail forestail topsails foresail and staysail d-o- & in More Moderate Barometer rising Made all available sail & throughout the day steering from E to E. to E. Saw one first "Hawaiian" black bird this day
2			Monday 31st October			
3						
4			Bar 30-300			
5						
6			Ther 52 Fahr			
7						
8						
9						
10			Distance run 152 miles			
11						
12			Do from 4 Mt-Isles 538-			
1			Do do San Fran 1690-			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 49-09 N Long 159-38 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of October 18
1						A subsiding S.W. wind and clear weather, which by daylight had nearly died out to a calm All throughly the day part Heavy swell from S.W. Employed in scraping whalebone repairing foretopsail &c. Saw 2 Fur Seal
2			Monday 4th October			
3						
4			Bar 30-460			
5						
6			Ther 54 Fahr			
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Fox Islands" towards San Francisco N.P. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of October 1880
1						A just-perceptable air from the S.W.
2			Tuesday 5th October			all night - ship having only sufficient
3						headway to - Wind then hehm-
4			Bar 30.400			at 7 A M calm @ 8 wind light fr
5						and the rest of the day baffling
6			Ther 52 Lat 48			on dyff tacks heading from S to
7						S.E. saw 4 or seal and a
8						few birds - as yet but one of the
9						black ones had but in an
10			I have this day found			appearance - Employed scraping
11			a leak on the Starboard			whalebone. Shifting provisions
12			side of Stern post-well			forward to trim ship - reeving
1			down towards the keel -			new rigging. bending large
2			A copper spike worm			spanker & Etc - by 8 P M wind
3			took in the plank			freshening from the East with
4			let in a stream as			raing obliged to double reef
5			large as my finger -			heading from E.S.E. to S.E.
6			this I found by cutting			
7			off one of the ends			
8			of the nail - to the			
9			lowest stern breast			
10			hook - whether this will cure the pumps any remains to			
11			be seen - We now pump 33 Strokes 10 Minutes 20 per 2 Hours -			
12						Lat 48-37 Lo Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of October 1880
1						At 5 A M wind had hauled aroun
2			Wednesday 6th October			to the North Made all sail East
3						Employed in scraping whalebone
4			Bar 30.350			At 10 A M clear and so remained
5						through the day at 4 P M wind
6			Ther 52 Lat			inclined to haul to S.E.
7						About 8 of the large Black birds
8						have been around us today
9			Distance made 69 Miles			and quite a number of smaller
10						ones - No fur seal observed
11			Distance to make 153 "			At 6 P M nearly calm again
12						and a glorious Sunset
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 47-48 & Long 154. 19 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Fox Islands" towards San Francisco A.D. 1870

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of October 18
1						A light southerly airy all night under
2			Thursday 7th Oct			all sail just steerage way steering E.
3						at 5 A M wind from S.S.E. Shed
4			Run 30-200			heading on the wind E by S - Emp to
5						tacking whaleboat. Afternoon
6			Then 54 Saba			wind veering around to S.E with=
7						rain and Barometer falling
8						heading E by E to E S E by S at 4 P M
9						furled light sails & @ dark had
10						reduced to double reefs and
11						Mainsail furled - at 8 30 P M
12			The Number of the large			wind veered to the South
1			blackbirds has now			steering East and making
2			increased to 18 these			about 4 knots
3			I counted all on the			
4			wake at once			
5						
6						
7						
8						
9						
10						
11						
12						No Observation -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of October 18
1						A fresh southerly wind with thick
2			Friday 8th Oct			fog and raining from 5 A M
3						to 8 wind increasing in force
4						reduced to treble reefs &
5			Run 29-900 -			storm sails - repaired
6						Main Staysail boat & set
7						all through the day steering
8			Then 58 Saba			East a heavy swell on &
9						and much rain -
10						Archibald Jordan Steward boy
11						fell down Steerage ladder
12						and cut his thigh quite
1						seriously with a sextant
2						had to put a stitch in
3						it - Carpenter & Geo Brown
4						both sick with bad weather
5						fever -
6						Ship turning to day
7						hard to be Surprised Nearly
8						all hands before we could
9						free her - & this sort of
10						thing is the cause of much
11						sickness
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco N.D.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9 day of October 1880
1						A fresh South gale with rain for
2			Saturday 9th Oct-			and high swell steering East- Mide
3						treble reefs at 5 A M Moderating
4						Sounds set courses double reefed for
5			Var 29-990			& Whole Maintopsail & jib @ 6 A M
6						wind increasing with much
7			Obs 62. Fahr			rain reduced to double reefs and
8						foresail - At 8 P M wind out from
9						S.E. took in foretopsail & foresail
10						and third reef in maintopsail
11						steering East throughout - Much
12						rain falling constantly
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of October 1880
1						All through the early part of last night
2			Sunday 10th October			No alteration At 12 A M wind
3						died out to a calm with much
4						swell and heavy fall of rain
5						At 2-30 A.M. wind shifted quick
6			Var 30-280-			to N.W. and blew fresh. A cross
7						swell causes the ship to roll
8						heavily to leward set foresail &
9			Obs 56 Fahr			M.O.M.S. sail to steady her steering
10						East- At 5 A M set close reefed
11						S topsail At 9 A M wind showing
12						inclined to gain port reef in foresail
1						At 3 P.M commenced clearing
2						up and by 4 P M had double
3						reefs and foresail set steering
4						E by S wind W by S- Moderating
5						and barometer rising slowly
6						At 8 P M bright moon @ fair ground
7						and all clearing up to the West
8						
9						
10						
11						Long By Summer Sights 145-04- 146-46
12						fid

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Fox Islands towards San Francisco 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of October 1880
1						A strong breeze & N W gale with clear
2			Monday 11th Oct-			weather bright- Down Dreaming
3						sail gradually through the night
4						by daylight hauled aboard royal set
5			Var light	30-700-		through forenoon ship rolling
6						considerable steering E to E by
7			Lhee 54	Fahr		steady hrs- At 11 A M wind
8						light from S W. Everything
9						set that will draw but making
10						but little headway. Employed
11						blowing bone below in lower
12						hold scraping bone &c
1						Saw porpoises.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 46-23 N Long 143-47 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of October 1880
1						A light southerly wind clear pleasant
2			Tuesday 12th Oct			weather under topgallant- E by S-
3						Employed scraping whalebone at 2 PM
4						wind veered to S. S. W. fresh and clear
5			Var 30-300			Ship making good way under topgal
6						
7			Lhee 61 Fahr			
8						
9						
10						
11						
12						Lat 45.20 N Long 140.69 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Fox Islands" towards San Francisco D.D. 188

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of October 1880
1						All throughy this night a fresh breeze
2			Wednesday 13th Oct-			and clear weather. Wind Variy
3						slowly to the West Steering Eby S
4						Under flyjib and M.T.Sy sail
5			Var 29-600			foretopsail double reefed at 8 a
6						M wind W.S.W Inside all sail
7			Ther 61 Fahr-			split Foretopgallant sail sent down
8						and sent a new one Finished
9						Scraping the Whaleboat @ 10 a M
10			Put all my Skin clothing			afternoon Employed washing the
11			into a box and put the			Governments and overhauling Books
12			Ship mark with my name			during forenoon wind gradualy
1			on it-			veered around to the S.S.E with
2						cloudy weather & fine mid Squalls
3						At 4 P M bore East again
4						
5						
6						
7			The Ship leaks now so			
8			that we pump from			
9			35 to 45 Minutes every			
10			2 hours-			
11						
12						

Lat 43.48 Long 137-58 W-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of October 1880
1						Light variable Easterly winds throughout
2			Thursday 14th Oct-			the night on diff tacks under
3						topsail sails heading from S by W
4						to S by W- at 8 A M tacked to the S and
5			Var 30.700			wind light from E.S.E. Afternoon
6						pleasant breezes from same quarter
7			Ther 64 Fahr-			heading S E by S Employed washing
8						boats & etc. Many of the Black
9						birds around. And one Gull has
10						been seen this forenoon the Land
11						is probably not less than 600 miles
12						Throughy this night heading from S by
1						to W.N.W
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Lat 43.22 N Long 136-37 Wst

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From "Fox Islands" towards "San Francisco" A.D. 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of October 1880
1						Light winds & clear weather from this E.S.E under topgallants &
2			Friday 15th Oct-			mizzen S.S.E. Ship in rowing
3						& bundling the Hadley whaleboat
4			Bar very high 30.750			2 bundles weighing 124 lbs- at 9 a m
5						saw a large Merchant ship with
6			Shea 62 Asho			3 royals and Mizzen Course
7						standing on the wind to the South
8						saw many Finback whale
9						at 1 P.M wind heading us off &
10			Saw a very large ship			by W tacked to the South. at 5 P.M
11			standing to the South			moderate handed about and
12						lowered down a quarter boat to see
1			Saw many Finbacks			if we could find leak on the
2						quarters could not see any
3						Indications heading on the wind
4			Wind dead ahead			S.S.E & S.E by S wind baffling to night
5			600 miles to port			an sky overcast
6						
7						
8						
9			Filled a Butter keg with			
10			salt Fish. marked H-			
11			E.A.B! I wish to take H-			
12			to my family @ New Zealand			Lat 44.40 S Long 135-25- West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of October 1880
1						all through the night wind light
2			Saturday 16th Oct-			and baffling from the S & E. shift
3						under topgallants heading
4			Bar 30-250-			from S.S.E to S by E- fore noon
5						cloudy wind gradually increasing
6			Shea 64 Asho			heading E.S.E. Course E by S- by
7						12 M had topgallants on
8						afternoon furled fly jib & double
9						reefed foretopsail by dusk had
10						furled Mainsail & jib double reefed
11						foretopsail and set fore & main
12						skysails wind veering to the S
1						heading E by S
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 43-07 S Long 134-38 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco U.S.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of October 18
1						A Subsiding S.E gale with cloudy
2			Sunday 17th October			weather under double reefs &
3						the wind heading from E to E by
4						S & S. had set fly gibb gaff topsail
5			Bar 30.430			and whole topsails heading
6						S.E by E – wind dieing out last
7						Light – windy through the night
8			Ther 64 Fahr			heading S & S E by E –
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 42.00 N Long 133-41 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of October 18
1						
2			Monday 18th October			A Moderate N.N.E & wind with clear
3						pleasant weather under all
4						sail on the wind from E to E by
5			Bar 30-380-			S at 10 A M commenced washing
6						whalebone
7			Ther 64 Fahr			
8						
9						
10						
11			This is my darling childes			
12			birthday 14 years of age			
1			"Eva Laura Parker"			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 41-07 N Long 132-46 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From Pacific Ocean towards San Francisco & D Nov—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of October 1880
1						a moderate & hazy wind all night
2			Steering	19th	Oct	Ship under all sail just laying her
3						course 8½ K. At daylight wind
4						commenced freshening by 10 a m
5			Jan 30	320		furled royal & T'gallant. Employed
6						washing whalebone. At 2.30 P m
7						wind moderating some & tending
8			Steer	64 Pts		aft set t'gallant sails again
9						At 7 P m wind out E.N.E heading
10						S.E.
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 40-05 N Long 130-29 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of October 1880
1						
2			Wednesday 20 Oct			Light E.N.E wind cloudy weather
3						under t'gallants heading S.E.
4						at 12 M when we have
5						light variable airs on diff
6			Jan 30	320		tacks heading from N to E.
7						At 6 A M saw a large Iron Bark
8						standing to the South. Employed
9			Steer 60	Pts		in washing whalebone with
10						the watch
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 39-13 N Long 129-37 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From I am tired of staying towards where I am from or

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of October 1860
1						Calm from 4 P M yesterday up to 12 Midnight then a light air came from the South just enough to give us steerage way and throughout the day it has been very light and baffling. at times we would have the yards squared at others braced them up and sometimes no wind at all - Saw a number of Finbacky whales. All hands employed in washing whalebone steering East under all sail saw 2 Tropic Birds the first we have seen since leaving the Tropics -
2	Sunday	21st	Oct-			
3						
4	Var	29	=340			
5						
6						
7	Sher	64	Pahr			
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 39=04 Long 129=29 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of October 1860
1						A light- S.S.W airs through the night steering East- under all sail. A clear beautiful warm day throughout with light- S W airs. All hands employed in washing whalebone - finished what we had between decks. and commenced upon that in the lower hold. Probably we have about half washed Saw Tropic B 3 small land birds & a small piece of chip wood nearly covered with barnacles and clams
2	Friday	22d	Oct-			
3						
4						
5	Var	30.4	20			
6						
7						
8	Sher	74	Pahr			
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 38.50 & Long 128-07 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

re From bound! we have towards been so long on the way

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of October 1880
1						a light-west wind throughout
2			Saturday 23d Oct			@ daylight-light fog squalls. and
3						so continued throughout the day
4						under all sail & @ 12 M bound
5			Lat 30.-29			8½ K.. saw kelp drift-wood a fish
6						of some sort. several of the
7						black birds from the Hawaiian
8			Dist 66 Taken			Islands. & large brown gull
9						and a Pirate gull -
10						All hands employed in washing
11						Whaleboat
12						
1						
2						
3						
4						
5						
6						
7						
8			175 Miles to "Farallones"			
9						
10						
11						
12						Lat 38.-10 K Long 126.-43 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of October 1880
1						
2			Sunday 24th October			A light-west-wind clear all night
3						but throughout the day a dense fog
4						steering E½ K pr 15° 12 M when
5						we hauled up E by K saw kelp
6			Lat 30.-29			and fish water of a deep blue
7						and has been throughout no
8						indications of a change through
9			Dist 64 Taken			Estimate the land @ 4 PM
10						to be from 80 to 90 miles distant
11						have seen as yet no gulls —
12						A sharp lookout kept and fog
1						horn going continualy.
2						fog lifting and shutting down
3						through the night sounding and
4			Estimate Farallones			taking in sail in accordance
5			to be 85 miles dist			
6						
7						
8						
9						
10						
11						
12						No Observations this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ A strong N Wgale with towards thick fog land in sight

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of October 18
1						Early part of last night wind
2			Monday 25th October			blowing strong fog lifting and
3						shortly down at times all
4						sail set at others comes
5			Jan 30.380			on and light sails in
6						steering E by N ½ N throughout
7						the forenoon fog very dense
8			Ther 62 Fahr			Ent in walking wholesome
9						At 10 am having run my distance
10						out within 15 Miles of the Land
11						hoisted with wind under double
12			But one Gull seen today			reefed main topsail heading N by
1			and the water has been			At ½ PM fog lifted wind freshen
2			throughout deep blue with			more E.N.E, under double reefs Courses
3			detatched Leaves of Kelp &			& jib saw a sail S the N and a
4			our Native friends in			Echo with S standing on a wind
5			abundance also a few			South more or less fog all afternoon
6			very small divers ducks			At 5 PM saw the Range S the East
7						end the W of Point Pedro N.E 15
8						Miles and a white Echo standing
9						N shore. At dark thicky fog & strong
10			Lat 37-22 North			N.W wind reduced to double reefed
11						fore double reefed main topsail & storm
12			Long 122-47 West			and wore ship with the

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of October 18
1						@ 9 P M yesterday we saw a revolving
2			Tuesday 26th October			light-bearing S.E by E they fog having
3						lifted a few minutes I think it was
4						"Pigeon Point" but we soon lost it
5			Bar 30.280			again in the fog. Stood to the W & S
6						until 12 when we wore to the N.E & E.
7			Ther 60 Fahr			until 2 A M then wore back again on the
8						W & S until 6 A M we wore back to the
9			Hoping to be able to			N.E & set foresail & reefed mainsail
10			go into San Francisco			with double reefed main & fibble reefed fore
11			tomorrow At 6 P M we			fog thick all the time and a strong N.W
12			could not see the Island			wind with high sea. At 6 it lifted
1			for fog although it was			some stood to the N.N.E until 10 A M
2			not over 5 Miles and			when it came on thick again and we
3			bore about N.N.W. just-			wore to the W reducing sail At 12
4			before we saw the land			M it lifted sufficient for me to get a
5			we changed the colour of the			latitude wore to the S by W ½ W with
6			water from a deep blue to			under double reefs jib and foresail ran
7			a dirty green. but strange			until 4 P M (making 9 nots 6 knots per
8			to say no Gulls are about-			hour.) when we saw the "Farallone" N.E 8 Miles distant.
9			although our Island friends			Stood to the N.E until 6 P M then wore
10			do not seem inclined to leave			to the W.S.W. under reduced sail to lay
11						and lay about here for the night
12			Lat @ Noon 37-41 N			
			Long @ 30 M 122 57 West			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

~~From~~ Off Smallcones towards Sh fog & N.W. wind

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of October 1880
1						All through the night - heading to the W.S.W. making but little head way under double reefed mains & close reefed foretopsails and storm staysails. A fresh N.W. wind with a dense fog continually. At 6 A.M. wore with N.N.E. Set courses reefed At 8 A.M. out reefs in courses & set jib. At 11 A.M. fog shutting down again very dense wore ship & stood W.S.W. At 12 Ht cleared up so I got an Imperfect Lat. 37:38
2						
3	Wednesday	27th	October			
4						
5						
6	Bar	30.	160			
7						
8	Ther	59	Fahr			
9						
10						
11						
12						
1	A dense fog with a fresh N.W. wind & heavy swell					wore ship to N.N.E. again and stood until 2 when Ht shut down again wore back again to N.W. & stood on with about 100 fths line found no bottom, many pieces of detached kelp. At 3.30 wore to the N.N.E. with course of wind & sounding @ 6 P.M. wore to N.W. & back with fish down fog very dense At 11 P.M. fog lifted once & then shut down thick as ever. Clear overhead
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of October 1880
1						A dense fog a subsiding N.E. gale with heavy swell Attack heading S.W. with double reefed main trebly reefed fore topsail & storm staysail at 12.30 fog lifted & @ Lat cleared off stars out bright wore S.E. and made sail @ 1 A.M. saw "Smallcone" light - N.E. 15 miles Made all sail as fast as possible steering S.E. ½ E. — by 3 A.M. heard Bassell bearing 1 mile on the S. of Ht and when bearing 5 miles of "Cliff Head" was becalmed for an hour spoke steam tug "Donald" but he seen large ship off shore and did hopes to get her but as both for N. then took a fair wind & freely & without a pilot ran her in and anchored off Fishlum ferry where the steamer did not bother me this night as I slept @ the "Head Inn"
2						
3						
4	Bar	30.	160			
5						
6						
7	Ther	60	Fahr			
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

A continued journal of Barque "Progress" of New Bedford & C. I.

From East Side of Asia towards Whales in Arctic &c. I.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of May 188
1						A fresh Southerly wind and cloudy
2			Monday 29th May			weather under Modarate sail on diff
3						tacks - East Cape W.S.W 20 miles Dromedes
4						A pack of Ice to the eastward at 3 A M
5			Pm Merwin	29 - 900		saw a bowhead lowered two boats to
6						lost sun of him - recalled boats and
7			Pm Holsteins	29 - 700		commenced boiling saw the "Timor
8						Pope" cutting her 10th whale - and a
9			Wm Fales	32		barque to leward heading to the South
10						At 12 M blowing a gale reduced to
11						close reefs and "cooked down" the
12						Tryworks standing to the Westward for
1						lee under the land - Mr Lyons
2						Third Mate sick off duty - they offer
3						probably of the wasting of his boat -
4						a dead whale yesterday
5						
6						
7						
8						
9						
10						
11						
12						

On commencement of this journal from Hawaiian Islands Steamer via Behring Straits Barque "Progress" of New Bedford 1887

No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of May 1887
1						A fresh S.S.E gale with cloudy
2			Monday 30th May			weather under close reefs on
3						diff tacks. at 9 A M spoke the Bargue
4			Pm Merwin	30.050		"Atlas Bar" cutting a small whale
5						She caught this morning
6			Pm Holsteins	29 500		which makes her 3½ aboard for the
7						Westward. Forwarding the low land
8			Wm Fales	32		South of Cape Lisburne Saw Pinnick
9						whales Made sail and beat to
10						windward Amid Scallowing
11						Lay them Stood Inshore again
12			Mr Lyons 3d Mate			Saw a brig standing to the East-
1			sick off duty			ward diff tacks during afternoon
2						Barque Helen Mar Co at
3						6 P M commenced boiling
4						again standing Inshore
5						Under double reefs & fish In clear
6						No Ice In sight
7						
8						
9						
10						
11						
12						

No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" towards "Whaling Grounds" A.D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of May 18
1						A subsiding Southerly gale & cloudy
2			Tuesday	31st May		weather the diff hands under
3						Moderate sail. Employed in boiling
4						the land to the west of False Cape
5			Fair Onward	30 000		East in sight - at times by 6 A.M.
6						Moderate wind tending to the
7			Pm Moderate	2nd 720		Eastward Made all sail to the South
8						the "Helen Mar" and a Brig to Windward
9			Thus False	36		at 12 the "Thomas Pope" came in
10						sight from the S.E. boiling @
11						6 P.M. 5 more sail came in
12			In Lyons 3d Mate			sight from the South running
1			sick off duty			to the South - one the "Rainbow"
2						boiling and colors flying half
3			at 10 Pm boarded the			mast - at Mizzen Peak - all are
4			"Rainbow" who had been			to the Windward of us. saw
5			South to Provo Bay			Cape East - F.C. 30 to 40 miles dist.
6			seen the Cutter "Corwin"			a number of "Pibsucks" whales or
7			and taken one whale			"California Grays" have been seen
8			5 all told -			going in towards the land -
9			Recvd 3 letters			
10						
11						
12						Lat @ Meridian 66° 39' North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of June 18
1						A Moderate Southerly wind &
2			Wednesday 1st June			clear along edge of ice pack to the
3						Eastward Employed in boiling at 7 A.M.
4						finished and commenced
5			Fair Onward	30 100		stowing down the main hold
6						saw the "John Howland" & brig
7						"Hidalgo" each take a whale saw
8			Fair Northerly	29 500		the Helen Mar & "Thos Pope"
9						each boiling and chasing whales
10			Thus False	30		but saw no whales ourselves
11						during afternoon went on
12			In Lyons on duty again			board the "Helen Mar" for a
1						little while. who reports the
2			Gauges of oil showed by	140		U.S.R.M. Steamer "Corwin" having
3				333		gone to the West - then in
4				252		search of the wreck repd by the
5				200		Whitney Fleet last November &
6			Last amt from other book	955 / 12207		presumed to be the 2 missing
7			Total gallons	13162		Whalers - At 7 P.M. a light
8						Easterly wind & steering
9			4 1/2 bbls 26 1/2 gallons			North all sail for Cape East
10						
11						
12						50 Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" towards Whaling Grounds at D.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of June 18
1	Thursday 2d June					A light Northerly wind and
2						cloudy moderate all last along
3	3pm Aneroid		30	200		edge of Eastern Bay both P-
4	" Holosteric		29	9 50		Ent— In steering W.S.W. Main
5	Then Take		36			hailed at 7 A M East Cape clear
6						to— Hals @ Moulin Plain In sight
7	Engaged	Boil	showed			among Bowheads and continued
8	to day	Biz 6 bbls @ 28		16 8		to all day. About— everybody In
9				340		sight— got a whale but we could
10				301		not get near enough to Anull
11				200		one— took up the 3 boats at
12				305		3 P M and tried
1				170		many Seal and Bowhead birds
2				289		noticed— The "Helen Mar"
3				1773		Coral "Abraham Barker" &
4	Last	and fed	13.	162		This Ships caught whales today
5	Grand	Total		14.935		the "Planet Atlantic Dawn &
6						Hidalgo" boiling—
7						
8	Total 274 Bbls 4 gals					East— Cape 12 to 15 miles @ 10 Pm
9						
10						
11						No Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of June 18
1						Light baffling airs calm fog thro
2	Friday 3d June					ughout forenoon. Afternoon clear
3						& fine Light and all boiling
4	3pm Aneroid		30	200		except— ourselves Last— 15 Miles
5						N.E.N. saw no whales today
6	3pm Holosteric		29	950		Evening a boat from the "Thos Ross"
7						reports the "James Palmer" and
8	Then Take		38	—		Dawn run South as far as Kings
9						Island fell in with whales Still
10						& got 3 each. at 6 P M saw the
11	"Emp In repairing the					"Corwin" W.S.R.M. steaming to
12	"Screw Scrap Press"					the Eastwards towards the "Bowhead
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						No Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape East towards Dionedes A.D. 1887

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of June 18
1						Calm and light South East airs
2	Saturday	4th	June			Sunday all sail at 2 a m lowered
3						for a Bowhead going towards the
4	3	Aneroid		30	400	Dionedes without success
5						Forenoon Employed in breaking out
6	3	Holystering		30	150	for stores &c lowered after hold
7						filled the Cooper with Trade
8	4	Sahn		40		and stowed it below — @ 2 p m
9						saw a large whale still lowered
10						2 boats and they shaped up to
11	Filled a small cask of					the Eastern Ice and returned
12	225 gallons capacity					saying the whale had gone to
1	with Trade Goods which					the Ice while we saw him
2	weighed as packed					about all the time from the ship
3				943	lbs	working slowly to the South along the
4						edge of Ice — but it was calm &
5	3	Aneroid		30	300	foggy and they could not see my
6	3	Holystering	"	30	180	signals
7	4	Sahn		30		
8						
9						
10						
11						
12						So Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of June 18
1						
2	Sunday	5th	June			a Moderate Easterly wind with fog
3						standing to the South until
4						all sail at 7 a m fog lifted
5	3	Aneroid		30	200	found ourselves between East-
6						Cape & the "Dionedes" Ice all
7	3	Holystering		30	000	around the latter ranging
8						S & E. Saw the "Abram Bunker"
9	4	Sahn		40		and "Thos Pope" cutting. they first
10						with 5 they cut with 12
11						put Letters on board her & run
12	Took on 7 lbs whale					to the South along the Ice @
1						11 a m saw Bowheads still
2						lowered & boats struck and
3	Sent Letters to Wm					secured a whale to Bow boat
4	F. H. Bunker. L. W. Bunker					took him to the ship. commenced
5	W. A. Boyce. G. W. Bunker &					cutting @ 3 and finished by
6	Capt R. F. Cowing —					6 - a boat from "Thos Pope"
7						wounds - calks - at 7 P m a strong
8						wind from S with rain
9						made double reefs standing to
10						East Cape
11						
12						So Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape East towards Diomedes " " A. D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of June 18
1			Monday 6th June			A fresh South wind and cloudy off diff lucks along edge of the Ice Middle of the Diomedes At 4.30 AM lowered 2 boats for a Bowhead. Struck & lost line in the Ice to waist boat. but afterwards struck and saved the whale a very large one with the longest head I ever saw let the "Hot Pepe" have 435 gallons of new stocks and received from her 10 bbls of Salt Beef 5 do Pork 1 new Foresail 1 new Topsail 1 coil 2 p Inch Cordage 4 coils of Whaleline & 4 boats ours At 8 P. M parted Company he bound to San Francisco with a full ship 12 whales Saw the "Coral" cutting Almost Commandable Ice While cutting —
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of June 18
1			Tuesday 7th June			Light-ths airs cold and clear ~~cont~~ Came out of Ice about 10 last night and laid aback just North of the Diomedes At 2. A. M lowered 2 boats struck and saved a small whale to the waist-boat took him to Ship Saw Three whales lowered & struck a fair sized whale to the waist-boat saved him and finished cutting by 6.30 P M We are now what is called "Blubber logged" cannot put any more below decks.. A large number of whales have been seen today Saw the "Coral" Abreast Barker " " Northern light Cutting East Cape Pt & the Diomeds S.E. the almost the whole Ship's crew of them ships got 2 whales each today
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" towards "Dioscedes" St. L. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of June 18
1						A light-baffling South airs &
2			Wednesday 8th June			Calm with a strong current-
3						setting S.W. giving 2 Miles per
4						hour that having been set-
5	Gun	Emerald	29	820		ting this ~~North~~ East- so much that
6	Gun	Hohenstein	29.	700		East Cape bears South 20 Miles
7						Yesterday at noon W.N.W. 3 Leil
8						Gun sight- all hailing days
9	Then	Saba		40-00		Pilot Ship" whales but no Bowheads
10						to day saw the "Coral" some 10
11						Miles to the South take a whole
12			Up to daily 2 of this			Ensign Gun hailing steering
1			Series during guns			Sloops under overhead bobbi-
2			have exploded leaving			pendicular the 2 Reef Sails
3			but-4 remaining-			from the "Pilot Ship" In carts
4						steering away West and Gun
5						and Flag-
6			Steady on bound of this			
7			West-Gun "Pilot" and			
8			as they pass we get from			
9			her 2 Gun bulky pilots			
10			up the Ship bound to			
11			Stanley to below			No Observations —
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of June 18
1						A Moderately Fair Steady Wind
2			Thursday 9th June			Cloudy Weather- Strong S.W.
3						current Found by D.R. 2 mile
4	Gun	Emerald	29.800			on diff tacks exp Gun hailing
5						2 Sail Gun sight with H
6	Gun	Hohenstein	29.680			and the "Coral" close by with
7						Working Jet & Gun tacken to
8	Then		37-00			the East the high Land to
9						the West- of Table Cape East
10						some 12 Miles dark bound
11			While "bowing" on			scattering Ice around and
12			a "Blanket-pine" on			Inshore
1			this 8th while I was			
2			Knocked down by			
3			H and Injured my			
4			right leg the Head of			
5			the Gaff giving a Cripple			
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape East towards Stromness

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of June 18
1						A Moderately boisterously wind
2	Friday 10th June					with thick weather and
3						light fall of Snow. under
4	Pm Emerald		29	820		Mt S. G. Sail on diff tacks
5						at 6 a m tacked off shore
6	Pm Volunteer		29	680		some 6 Miles dist. from land
7						to west of Cape East
8	Thos Fisher		42			Emp in boiling and stowing
9						down in lower hold
10	Gauges of oil stowed this					Sloop for Whale in boat from
11	day in fore hold viz					Barque "Coral" rep's her with 9 Whales
12			160			& boat from Brig "Hidalgo"
1			361			rep's her with 12 whales has
2			339			2 Canoes with natives he have
3			151			taken off the Lee some 40
4			331			Miles to the North that were lost
5			366			at 2 P. M. calm snow falling
6			364			light & damp. @ 7 P.M. a light
7			226			wind Pamby clear Lunar with
8			258			Pm steering S.E. under lee 2 qrs
9			2556			down a Right Whale. 2 Canoes
10	Last Amount		14,935			alongside from the "Hidalgo"
11	Grand Total		17.491			
12	Total 555 Barrels 6½ gals					To Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of June 18
1						
2	Saturday 11th June					a light S.W. airs with falling Ba
3						barom all sail boiling about
4	Pm Emerald		m	29.950		steering S.E. along the high
5			E	30.000		land to the west of Cape
6	Pm Volunteer		m	29 800		East. some 10 miles off shore the
7			E	29 850		land well covered with Snow
8	Thos Fisher		m	42		but those free of Ice — 7 am
9	"	"	E			the light @ Midday a light
10						wind and clear on the
11	Gauges of oil stowed this day					wind East — the homes @ two
12		Viz		335		Sloops in sight @ 6 P M Cape
1				166		they bore S.E. by E. 12 Miles obtained
2				366		Lights and remained Cummet
3				306		Emp in stowing down Lamp
4				276		a barque standing towards the
5				330		East but a thick fog came on
6	Last Amt			334		and they were obscured
7	Grand Total			2113		Evening steering South with
8				17491		thick fog reduced sail to
9	Total 622 Barrels 1 gal			19.604		topsails fog likely @ 9 am
10						Light breeze with clear weather
11						
12						Lat 66-20 N Long 169-30 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From "Cape East" towards Dionedes N.D. 1871.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of June 18
1			Monday 12th June			A fresh South bound with by
2			Bar Aneroid M	30.100		and light full of snow @
3			" E	30.100		times under all sail on
4			Bar Robertson M	29.840		diff tacks @ times clear Cape
5			" E	29.900		East 20 miles and a sail
6			Ther M & E	40		working South. Thermometer
7			a strong S W current runs			keep as strong both S W and
8			constant so much so			this vessel proves to show
9			that we cannot hold			that she is always the lee
10			our own			one of the fleet — Empd in
11						boiling steering down & setting
12			Gauges of oil stowed in			W/p sheets. at M & 4 casks
1			boilers from hold Port side			thro balance of thro left
2			big	325		thro left by the "Thos Hope"
3				315		afternoon steering
4				306		S.E. heading with South
5				162		Magnetic Winds fly jibs and
6				1281		Spanker saw 2 small
7			Amt	19604		pieces of tallowing ice and 2
8			Total	20885		ships to the South this morning
9						Obtained W-hales — through the
10			Totals 669 Barrells 11½ Gallons			night — wind veering to the Eastward
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of June 18
1			Monday 13th June			A fresh East wind cloudy weather
2						steering to the South under topsail
3			Bar Aneroid M	30.000		@ 5 a M set M.S. sail forenoon
4			" E	29.800		wind freshening fresh light
5			Bar Robertson M	29.700		sails. Empd in boiling heading S.
6			" E	29.620		@ 11.30 a M rove with D.R. Variation
7			Ther Sahe Mercury	40		5 P M 4 Miles snow and sleet
8			Gauges of oil casks stowed			falling could just make out the
9			in boilers from hold Starboard			Land Empd in steering down
10			big	185		Starboard side of Lower Forehold
11				333		at 6 P.M. cleared off down sent
12				324		2 sail to the E.S.E. Weather dark
1				364		gloomy and air full of snow
2				370		a strong S W current constant
3				200		
4				170		
5				311		
6				262		
7				253		
8			Amt	2815		
9			Total	23900		
10			Totals 1758 Bbls 23 Gallons			
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape East towards Whaling Grounds S.D.I.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of June 18
1						A moderate breeze fresh and
2			Tuesday 14th June			cloudy weather Saw Cape East at
3						5 A M Set by W 13 Miles Under
4			Pm Answered	M	29.990	Top gallant sail standing with the
5				E	30 000	Edistound Employed boating and
6			Pm Hoisted in	M	29 600	stowing down. Saw 2 Sail
7				E	29920	running off to the S at 4 PM
8			Pm Unstowed	40		French barque hoisted light sail
9			weather cloudy but			@ 5.30. bore W by E. 2 Sail to
10			Saw out during the			the Eastward standing to the E.
11			day @ Intervals			Many gulls observed and a
12						few "Bowhead Birds" Saw
1			Gauges of oil casks stowed			Many "Grampuses" during the day
2			Homebound fore hold today			bearing South South East
3			big	332		judged when we kept off that
4				334		they bore about South but did
5				334		not see them, have seen
6				1369		no Land since 2 PM
7			Last-tint	23.900		
8			Total Gallons	25.269		
9						
10			Total 302 bbls 6 gallons			
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of June 18
1			Wednesday 15th June			Light Easterly airs cloudy weather
2			Pm Answered	M 30	150	Under M P.S. Sail W by E. at 4
3				E 30	300	A M finished boiling four more
4			Pm Hoisted	M 30	.000	clear warm pleasant - Am out -
5				E 30	120	bright wind standing to the S
6			Thm M 42 E 50 Saw			this "Ceres" & "Francis Palmer" to
7			Land due right - W E 40 Miles			the S.E. Employed in stowing down
8			Do do do do & do			and filling water Casks on
9						deck filled 8 and hoisted
10			Gauges of oil casks			them up @ 6 P M finished
11			stowed this day big			stowing the oil in fore hold &
12			144 Sundry casks Allow	280		blocked off the Main hatch
1			Two gauges taken	302		in which there is 2 bbls of Flush -
2				283		2 of Cinders - and 2 of Sand -
3				363		in the fore hold there are 6 bbls of Am
4				360		2 of Pa. 190 of this half full 1 bbl
5				304		of Lime one of Mortar 2 of clay
6				359		3 casks of Bread & 1 of Provisions
7				2252		Left 6 bbls of Beef & 6 of Pork in
8			Last Gauge	25.269		Homebound hold of Between decks
9			Total Gallons	27.521		Aft - 1 Bread Casks 1 cask of sails
10						Cask Slops See book for contents 1 bbl of oil Soap
11			Total Bowhead oil	843 bbls	21½	1 bbl of Sundries at 6 P.M. light Airs
12			" Humpback 737 gals	23	18½	Lat 67 - 34 - Long 168 - 11 West
			Grand Total	897 bbls	8½	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape East" towards Point Hope N.W. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of June 18
1			Thursday 16th June			at- 8 P.M. Yesterday Latitude by
2			6 Months from Port Dem			Easterly towards the Lee Some
3			Bgn Arctic	N 30	4 2 0	10 Miles distant over which the
4			" "	E 30	4 0 0	high land about- Cape Thompson
5			Bgn Stockton	N 30	3 0 0	was just- discernable in the distance
6			" "	E 30	2 5 0	at- 3. a.m we came up to &
7			Bkn "	N 32.	E. 44	Sabe anchored by the S W wind light
8						&c. @ 3-30 a dense fog settled
9			Very cold this morning			light- airs and veered about
10			Ice forming on rigging			all through the forenoon fog lifting
11			" "			and clearing again & Latitudes
12			Frances Palmer repli-			working about the Ice to the N.
1			ed P. M. R Cutter Corwin			the pack trending in that
2			bound to Plover Bay			direction @ 3 P.M picked up
3			sudden disabled by Ice			a dead "Whitefish" had been
4			last night.			Hook- @ 4 P.M spoke Barque
5			Dawn reports many			Francis Palmer" 4 whale and
6			whales south of "Dawn"			Ice company bore S by E for the
7			Rock a few miles working			Hunting agency. a mile to the West-
8			South on the 12th			at- 11 P.M. wind light- P.P.E with fog
9			and sighting the "Belvedere"			and rain heading P.W. under
10			steaming South thro' all sail. Saw "Killers" and Walrus
11			this Month on the 13th			
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of June 18
1			Friday 17th June			A light- P.P.E with fog &
2			Bgn Arctic	N	30. 4 0 0	rain. under all sail Ice
3			" "	E	30 4 2 0	the Wind P.W- the "F Palmer"
4			Bgn Stockton	N	30. 3 0 0	& Dawn in sight- at times
5			" "	E	30. 3 2 0	passed a Canoe- Waiting for a
6			Bkn Sabe	N 44	E 50	red- Line until 11 A.M when it
7						changed to a dark green. Boarded
8			a thick fog through the			this "Francis Palmer" @ 9.30 and
9			day and light- Airs			remained until 3 P.M they
10						returned and were shipped with
11						the wind Ending to the Northward
12						and gradually growing lighter
1						a dense fog settled— at- 6 P.M.
2						Sounded in 28 fathoms Mud
3						bottom —
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Hope" towards Stonecleu A.D. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of June 18
1	Saturday 18th June					A light-Easterly wind and c
2	Pm Anchored		In	30	480	thick fog rolled all sail to
3			E	30	380	the N.E.b.E. at-6 A.M. fog lifted
4	Pm Kobuteria		In	30	280	saw the "Francis Palmer" ab
5	"		E	30	140	10 miles ahead of us at-9 A.M.
6	Then Saw		In 40	E	44-	saw a bunch to the Northward
7						standing to the S.E. wind S.E.
8	Red discolored water &					and steady towards us and soon
9	much feed slicks "					after Capt-Gifford of the Bungm
10						"Daniel Webster" of New Bedford
11						first arrived 2 months from New
12	Received from Bungm					Bedford 30 bbls of whale oil 4 days
1	"Daniel Webster" 7. 20 ℔					ago saw 2 sail at anchor in
2	box of Tobacco. 5" to be					"Clover Bay" reports plenty of ice
3	replaced. and 2 towels					off Ludlow point. all through the
4	for Boots for Capt-					day standing to the S.E. under all
5	Gifford					sail the "Francis Palmer" about
6						half her timing aback with her
7	Saw 2 whales to the Eastward					colours up wanting for this old
8	called them "Rfpinaks"					Ark to come up with her
9						@ 8 P.M. the high land to the N
10						of Icy Cape East for night & calm
11	Delivered 3 ℔s Native Boots					& just discernable S.S.E. steering S.E.
12	to Capt- Gifford —					East- much feed in the water

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

Observations

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of June 18
1						Light-variable airs and clear
2	Sunday 19th June					pleasant-weather. Under all
3						working to the South towards
4	Pm Anchored		In	30-280		the Straits. Much feed and
5	"		E	30-280		many gulls noticed this P.M.
6	Pm Kobuteria		In	30-050		and S.S.E. in company at
7	"		E	30.100		4 P.M. a light S.W. air Cape
8	Then Saw	In 44	E	32 —		East 7 per compass 15 miles
9						the Stonecleu S.E.b.E 30 miles
10	Strong S.W. current Much					Much Mirage towards the
11	feed in water No					land scattering Ice off East
12	Ground in reach —					Cape and in the bend of the
1						land towards "Wainwright" Inlet
2						"Rfsnack" whales heading S.E
3						under all sail
4						
5						At-6 P.M. lowered a boat & tried the current-
6						& W per compass 4 miles per hour
7						
8						
9						
10						
11						
12						Lat-66=22 & Long 169=21 Mer

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From "Point Hope" towards Bermuda Islands June 2, 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of June 18
1			Monday 20th June			A clear pleasant day with light
2						baffling airs @ 6 A M the lat @
3	Bgn Aneroid			N	30.350	"Bowhead" plain in sight 10 miles S.W.
4	"	"		E	30.320	a canoe from there reports "Jeanette"
5	Bgn Holostein			N	30100	2 whales & plenty of "Pipsacks" seen 3
6	"			E	30.240	Bowheads close inshore 2 days ago
7	Then Fahr	N	S 2 E		3 8-	Under all sail working towards the
8						Bermudas the "Francis Palmer" in co
9						2 canoes from East Cape reports seeing 3
10	I am inclined to think					whales close in to the land yesterday, saw
11	they whales have gone					a small schooner @ anchor off the settlement
12	into the Arctic as we					@ 10 A M lowered a boat and pulled 6 miles
1	are now back where					to a dead "Killer" saw the "Palmer" lower
2	we saw them last,					3 boats & recall them found
3	but they do not see us					many birds aboard - @ 6 P M the
4	saw a number of whales					Bermudas S by E 15 miles East Cape S 18
5	working S.E. the					miles Cape "Prince of Wale" plain in
6	wind is so light we					sight - will covered with snow
7	make little headway but					see to the S.W. 6, long distance S.E.
8	I shall try to reach the					very out of sight to the N. - the A.M.
9	Bermudas to night -					gone North
10	aged if the wind comes					
11	South shall go North					
12	again & find the fleet -					Lat - 66-05-N Long 168-30 West -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of June 18
1			Tuesday 21st June			Light - N.W. airs and clear pleasant
2						weather under all sail S by E
3	Bgn Aneroid			Mid'n	30.350	at 8 A M was within 5 miles of the
4	Bgn Holostein			N	30.200 E 30.180	southernmost of the "Bermudas" bearing S.E.
5	Then Mid'n		48 Fahr			the "Francis Palmer" was just south
6						of "Fairway Rock" seeing no signs
7	This has been one of					of "Bowheads" except - Fleet and
8	quite pleasant					the birds headed to the Northward
9	broken up and quite					and made all sail to work to
10	open in leads but -					the Northy where the fleet & whales
11	widely off the land					are - saw the schooner we saw
12	No whales of any kind					yesterday @ anchor off "East Cape"
1	or Walrus or seals seen					standing over to the Bermudas
2	today.					all through the day bearing to the
3	I am much					N.W. the S.P. to the N also working
4	disappointed to find					up East Cape & Cape "Prince of Wale"
5	no whales and from					in sight - and see all along
6	the absence of the					shore to the Eastward tending
7	ships think they are					to the N. Much feed noticed
8	whaling with the					this afternoon seemingly dead
9	G. us. I am sorry I					in patches of a dusky red color
10	did not push North					the present color of the water
11	while off "Point Hope"					a light green
12						Lat Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Lioness" towards Whaling Grounds A.D. 18

H.	K.	½ K.	Courses.	Winds.		Leeway.	Remarks, 22d day of June 18
1			Wednesday 22d June				A light - N.W. airs & clear pleasant
2							weather, under all sail to the
3			Pm Emerald	M	30.300		N.E. this "A Palmer" Lu co. Seen
4				E	30.270		many Walrus last night going N.
5			Pm Holostein	M	30.100		and a few "Ripinks" "Whales
6				E	30.010		throughout the day this water has
7			Thm Lake M 46 E		30.-		been of a light green color with
8							much dead feed of small size
9			Forenoon light & Vair				and an appearance like whitish
10			Afternoon fresh & W wind				sandy dust - saw land to the E. &
11							a long distance at 11 a m passed
12							Cape "Krusenstern" through the
1			very few birds noticed				afternoon wind gradually
2			and this afternoon				increasing at 6 P.M. fresh breeze
3			no seen visible. this				furled all light sails on
4			forenoon much dead				diff tacks S & W.E. and west at-
5			feed about -				7 P.M. saw Ice to the Eastward
6							@ 9 P.M. blowing on reefed to
7							double reefs. Keeped jib and
8							Spanker. wind veering some
9							heading W.N.W
10							
11							
12							Lat - 67°15' N Long 166-00 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.		Leeway.	Remarks, 23d day of June 18
1							A strong North reefed Sea Ice
2			Thursday 23d				Under double reefs foresail jib
3							and Spanker. at 10 a m
4			Pm Emerald	M	30.300		blowing a gale reefed sail
5		"	"	E	30.300		to treble keeped N. to furl &
6			Pm Holostein	M	30.100		storm sails on tacks
7				E	30.200		strips of scattering Ice around
8			Thm Lake M 42 E 24				and the Long to the Eastward
9							and 2 sail standing Ice
10			A strong North gale				large to the windward the
11							S Palmer Lu as this Ice
12			Saw 2 strings Sail				seems to be light - and Ice
1			Close along to the E				narrow strips with wide
2							spaces of clear water between
3							at 4 P.M. sounded in 26
4			Got few birds seen				fathoms water gray mud
5			very Northern "Auks" &				this Ice same pieces much broken
6			Gulls remarkable small				up in strips ranging from a few
7							strips lengths to several miles in
8							length and seems strong Ice
9							& light - Continue S
10							
11							
12							Lat 67°-43' N Long 166-19 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From "Stonecutter" Islands towards "Point Hope" A.D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24 day of June 18
1			Friday 24th June 1881			A strong North gale and clear
2			Bn Arctic	N	30 .300	under close reefed maintopsail &
3			"	E	30 .220	storm sails on cliff tacks amid
4			Bn Robertson	N	30 .150	scattering Sea Ice long strips @ 2 a m
5			"	E	30 .000	saw a dead whale sch-boat within
6			The Fair	N 40 E 38		found too much decomposed for
7						use. At that time we were to the lee
8			From the position of the ship			of a narrow strip of Ice ranging N W &
9			to day I think this strong			SE set close reefed maintopsail &
10			wind has Neutralized the			spanker reefed and rounded the
11			current as we are 18 mile			North End of it @ 10 a m heaving
12			N.W. of yesterdays position			to E and No Ice to be seen @ 11 a m
1			and have been working to			passed another dead whale also
2			the N.E. continually			too much decomposed for use
3						there whales have been dead a
4			The Cachman 2d Mate sick			long time. Saw also several dead
5			off duty with Neuralgia			Seal. dead marine animals seem to
6						abound in this locality. Saw a seal
7			Sounded @ 4 P M in 24 fms			to windward. at 7 P. M. came up with
8			very few birds observed			strips of Ice ranging N W & E after
9						sailing to the N.E. 9 hours in clear
10			Saw this morning of 2 dead			water were to the west again passed
11			Whales. and 3 Polar seals			Cachs rope to fore topsail 2d Mate
12			This last Ice seem pack Ice ships			on a Stocking foot Ice
			moderate Light Ice 2 to 6			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				Lat 67	67		Long	167	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of June 18
1			Saturday 25th June			A strong N W gale clear weather
2			Bn Arctic	N	30 .010	on diff tacks under reefed sail
3			"	E	30. 000	Amid detatched broken pieces of
4			Bn Robertson	N	29.880	heavy Ice Ice strips and widely
5			"	E	29.820	scattered @ other intervals at
6			The Jefferson	46 Sabin		1 a m wore to the N.E. & lay standing
7						along to the lee of a stiff pinnel
8			Characters of Ice heavy			7 last night. at 11 a m came up
9			pieces. broken up			to a strip pretty well scattered
10			Ice to detatched			of heavy Ice wore to the N.E. & a
11			fragments from 4 to 6 ft			standing set of canvas to the
12			height			or E. & blowing too hard to ascertain
1						Sounded in 23 fathoms found
2			Strong Southerly Current			Cape Thompson N E 20 Miles &
3						the "Wildgrube Hills" N. W. saw
4			A flock of Bowhead Birds			a Seal to windward. - hauling
5			going N.W. and a			the Leach rope to the fore topsail
6			few Auks towards			again wind ahead & and kept the
7			the Land observed			New topsail from the "Arctic"
8			water where strength			part did one Ice cask Ice for hold
9			of Current greatest of			from 2 P.M. to 5 no Ice to be seen
10			a dirty redish hue			heading W.S.W. wind double reefs
11			at 11 a m at 5 P M a			reefed fore spanker & storm sails
12			light green			Lat - Noon 67:53 Time 1 P M 67=35 -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				Long	166.16	West			

From Riviere Islands towards Whaling Grounds of N.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of June 18
1			Sunday 26th June			A strong North clear gale Ran
2						double reefed Main Trebble
3			Ran Amerid	In. 30	010	reefed foretopsails & drumb
4				E. 30	020	Wind in the round. At 6 A M
5			Ran Holsteins	In. 29	820	Down log at 9 clear & plenty
6				E 29	740	and do remained through
7			Then Saba	In 34	E 40	the day wind moderating &c
8						set double reefs fore and Aft
9			Another Lookout			with reef. We have seen Line
10			one Burmuda Sailing			Yesterday afternoon. Last seen
11			& one rising			Last 12 Midnight N.E. 33 Miles
12			"			At 5 P M we were abeast to the N
1			A fine "Bowhead Bird"			by E having been on this tack
2			seen going With the			since 11 A M yesterday
3			Wind to the S of a dark green			a small stuff of ice to the S
4			Ice Current Attract			some 5 miles dist
5			by the wake			
6						
7						
8			Fine Cachmere Duck			
9			to the duff = to 2			
10						
11			Ran forward			
12						Lat 67=36 N Long 168=34 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of June 18
1			Monday 27th June			A Moderate & Misted and clear
2						on & from take made double reefs
3			Ran Amerid	In 30.20		at 5 A M Made all sail W &c
4				E 30.200		In sight at 10 A M wind veered
5			Ran Holsteins	In 30.020		to the West with fog squalls heavy
6				E 30.000		& & & by W. At 4 P M thick weather
7			Then Saba Misfan	40		cannot see but a few miles found
8						In D. R. sail & Lat to wind Passed
9						With & of a few pieces of heavy
10			Stood on 2 Lts each of			Ice small size - water of a light
11			Bread -			green color but few birds seen
12						Friday we are now in Lat 68. our
1			Have a few pieces of heavy			Long 167-5-0 Started a cask of
2			Ice. Wind W with fog			New Bread 25-8 gallons
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat @ Noon 67=46 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Stromness towards Cape Lisburne U.S.S. 1881

	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of June 18
1			Tuesday 28 June			Standing to the Nd & W under easy
2						sails and courses. Misty weather
3			Bar Ahead	N	30.180	with a moderate & cold wind and
4				E	30.020	smooth sea at 12 M & sounded
5			Bar Volunteer	N	29.980	in 23 fms soft @ 2 P M in 20 fms
6				E	29.960	more sail to the W at 5 A M
7			Thermometer Lake	N	40-6 36	more to the Eastward. wind mod
8						Made all sail at 8 wind veering
9			Scattering ice in a			more to the Eastward. heaving to.
10			few detached pieces			At 9 A M cleared off. Seen Point
11			in sight heights from 4 to 10 ft			Hope S.E. 6 miles and a vessel at
12						anchor South of it. a few
1			For the past 2 days we			pieces of heavy scattered ice in
2			have noticed the sea			sight. on cliff tops afternoon
3			to be remarkably smooth			wind freshening furled light
4			for the wind.			sails & trimmed. At 3 P M
5						more ship to the West. Cape
6			In Boyhead Birds			Lisburne N.N.E. by compass 15
7			a few "Auks" & Gulls			miles Point Hope out of sight.
8			observed			At 6 P M - double reefed
9						topsails and put reef in spanker
10			Sun out bright some fog			& jib
11			some fog squalls around			
12						Lat 68.40 N Long 166.48 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of June 18
1			Wednesday 29th June			Standing to the N. N. W. under
2						double reefs & foresail. reefed jib
3						& spanker. with a fresh & cold
4			Bar Ahead	N	30.010	wind. until 6 A M when
5			"	E	30.000	more ship to E by N wind
6			Bar Volunteer	N	29.820	gradually increasing furled fore
7			"	E	29.820	sail. Afternoon blowing fresh
8			Thermometer Lake	N	32, E 34	reduced to close reefed topsails
9						and storm sails.
10			"		"	Morning and forenoon
11			A few Crow Bills or Auks			fine Afternoon squalls
12			only seen today			Afternoon cloudy but clear
1						out at intervals. hazy around
2			Forenoon water dark			the horizon distant objects
3			green color			obscure. the Lisburne Cape
4						is 30 miles dist to the E & S but
5			Afternoon light green			not in sight. @ 6 P M furled
6						foretopsail wind increasing
7			Not a particle of ice			@ 12 Midnight more sail to the
8			seen today.			
9						
10			Served a bbl of Beef and			
11			a bbl of Pork Ex U. Pope			Lat 68-43 & Long 167-39 W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Diomede Islands towards Point Hope &c.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of June 18
1	Thursday 30th June					A fresh North gale and clear
2						Under close reefed Maintopsail
3	Bar Aneroid		In	30.020		And storm sails W.N.W. @ 5
4	"	"	E	30.100		A.M. wore ship to the E by S
5	Bar Holosteric		In	29.800		wind blowing a hard gale
6	"	"	E	29.850		from the S with frequent
7	Ther Dalr	In 34	E 38			squalls. forenoon clear seen
8						the land to the E.N.E. 30 miles
9	Sounded @ 12		In 2m 3½ fms			Afternoon wind & sea increas
10	Lat	68.26	N			at- 2 P.M. seen a few pieces of
11						scattered Ice. at- 6 P.M. saw
12	A few Arctic ducks					Point-Hope E.N.E 10 miles with
1	and Arctic Fulmar Gulls					heavy ground Ice on the point
2	seen only to day —					before that had been steering E
3						& S full to leeward of it and
4	Jno Cashman sick off					Make a lee tacking up for
5	duty and C. R. Morris					it- and set- Magnetic point
6	sick with Rheumatism for					Staysail at- 7 P.M. could see
7	a week past.					the land on the point but for
8	Anthony Gabriel off					thick we saw @ anchor here
9	duty - with a felon on					on the 28th had left. stood
10	his thumb —					2m W make a lee and anchored 2m
11						8½ fms watering the point bearing W.N.W. 5 miles
12						Lat @ 4 P.M. 68.22 N Long 167.18 Wst-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of July 1867
1						
2	Friday 1st July 1867					At- Anchor 2m 8½ fms, sounding made low of
3						low land south of "Point Hope" which
4	Bar Aneroid		In	30.010		bears W.N.W. 5 miles. heavy Ice on the point
5	"	"	E	30.160		45 fms chain out on Kent anchor @ 6 A.M.
6	Bar Holosteric		In	29.920		fresh N.W wind thick fog the "S. Palmer"
7	"		E	30.020		2 Miles distant of us @ anchor - Cape
8	Ther Dalr	In 38	E 40 —			Thompson bearing S.E. 10 miles - @ 9
9						A.M. capt- Millard came on board
10						had been @ anchor here since the
11	Natives report Ice coming					25th ult- Ripl- Steamer "Arbrodene" left
12	down along the land					here on that day with 6 whales with
1	North of the point					ripl- "Rainbow" 9 Whales "John Howland
2						"Pacific" 3 "Atlantic" 2 through the
3						forenoon had with fog afternoon
4	Philip Dennis sick with					fresh N.W. wind thick fog 5 came
5	a sore hand —					alongside with about 1000 lbs of
6						whalebone. for which they want-
7						Rifles. Cartridges & other ammunition
8						have not brought - a thing in fact
9						have no trade until October & then
10						is a busy here
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Point Hope towards Cape Lisburne A.D. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22 day of July 18
1			Saturday 23d July			Lying @ anchor inside the Lee of
2						Point-Hope Lee & the watch with
3			Pm Arrived	In 30	300	Port anchor & 45 fms chain.
4			" "	E 30	280	A fresh N.W. wind and thick fog
5			Pm Hoisting	In 30	080	@ 2 A M it cleared off and the
6			" "	E 30	080	wind moderated 5 canoes
7			Pm Sailed	Winds 30		alongside. the decks crowded
8						with begging natives and booze
9						Ben here blowing all over the
10			The natives @ Point Hope			ships. at 6 A.M. got underweigh
11			state that from Cape			Made all sail N light-wet air
12			Lisburne to "Point Barrow"			saw canoes after walkers off the point
1			many natives have died			at 2 P.M. a light S.W. airs ran
2			of some contagious			around the point and bore N.N.W
3			disease. during the			for "Cape Lisburne" at 6 P.M. passed
4			winter. & that it was			a carcase that had been recently
5			not starvation. —			stripped. they "S Salmon" in co
6						
7						
8			Bought 300 lbs of			
9			Whalebone for Tobacco			
10			& whitey drill cloth —			
11						
12						Lat- 4 P.M. 68-16 N Long 166 40 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of July 1881
1						A light-southerly wind and clear
2			Sunday 31st July			Miles all sail along the coast N
3						by W towards Cape Lisburne @ 2 a m
4			Pm Arrived	In 30.200		was off the Cape 2 Miles N Lee &
5			" "	E 30.110		N while to be seen bore N.E.N.
6			Pm Hoisting	In 30.000		the "S Salmon" ahead at 9 a m
7			" "	E 30.000		saw a small Bowhead whale
8			Pm Sailed	N 44. E 48		ahead going quick N by E lowered
9						N boats and chased until we
10						lost run of him. recalled the
11			Saw a small whale			boats strong breeze many "whites Caps"
12			going quick with 25			bad seeing! bore N until 10 mile
1			and breaching" —			@ 4 P.M. moderating bore N.N.E.
2						set M.T.J. sail changed color of
3						water from light green to a
4						dirty green & red combined while
5						Lee lights Lee although more to
6						Lee sight-from Northward
7						
8						
9						
10						
11						
12						Lat 69-53 N Long 165-00 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Hope" towards Icy Cape Lat. D. 184

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of July 18
1	Monday July 4th					A fresh southerly wind and clear, under topsails & foresail
2						
3	Bk Arctic		In	30 180		W.S.W. at 2 P.M. steered off
4	"		E	30.320		W. ran down to 2h. found a
5	Bk Helvetia		In	29.900		to be the Pack running from
6	"		E	30.120		S.E. to W.S.W. stood in shore
7	Bk Sea Lark	Lonjorm		44		saw "Icy Cape" with Lee on the
8						shoals / stood off & on
9						the night spoke the Bng
10	Nearly pack to Leeward					"Fleetwing" 7 whales which up
11	pieces 3 to 5 ft. high					the most of the fleet @ anchor
12	Hummocks near					under the land between
1	general character					the Cape & "Point Belcher"
2	Land visible on					report giving a number of
3	starboard bow 2 to 3 miles					whales taken just south of
4						Cape Lisburne while we were
5						off the Diomedes last
6						afternoon saw in 2 g. and
7						saw diff tacks beating to the
8						
9						
10						
11						
12						Lat 70-36 N Long 161-31 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of July 18
1	Tuesday 5th July					A fresh southerly wind and clear
2						beating to the southy along the
3	Bk Arctic		In	30.400		land under M.S.L. sch 9 sail
4	"	"	E	30 200		in sight. at 7 a.m. was off Icy
5	Bk Helvetia		In	30 100		Cape the Ice on "Blossom Shoals
6	"	"	E	30 000		3 Miles E.N.E. hauled off shore & the
7	Bk Sea Lark	Lonjorm		46		wind moderating the current
8						set us badly with S.W. run
9	Light strip of Ice					off to the southy along the land
10	along shore - no birds					looking for wood Ice drifted
11	on Pack - Many					prevented our approach
12	"Fishhawks" whales -					at 4 P.M. spoke Bng "John
1						Howland" 11 whales 1200 bbls
2						of oil. and Bng "Coral"
3	Edward to Bng					9 whales 840 bbls oil stood in
4	"John Howland" 3 coils					shore until 10 P.M. when wind
5	of whale line and changed					died out to a calm at 2 A.M.
6	to Bk Sea -					drift current - 1/2 Knot S.E. per hour
7						
8	Pack Ice close to Cape					
9	Lisburn no sail observed					
10	from Cape Lisburne					
11	seen standing this edge					
12						Lat 70-40 N Long 161.26 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From "Point Hope" towards "Icy Cape" A.D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of July A.D. 1881
1			Wednesday 6th July			Light baffling airs and calm
2						working to the S.W. under all
3			Bar Aneroid in 30.20			sail the "Helen Mar" & "Sea Breeze"
4			Evening 29.90	E 38		to the South the "Coral" and
5						"Jeffko" to the S.W. and the
6			Bar Robertson in 29.980			"Johny Howland" close by Icy Cape
7				E 29.600		@ 8 P M & 10 miles a stiff Ice
8						all along shore and a point
9			Thm Fahr in 49 E. 5° 2			of Ice make off from "Blossom
10						Shoals" on board the "John
11						Howland" all afternoon
12			Current - 2m 14 ft to the north			saw seals "Ribbons" & Bearded
1			E.S.E ½ mile Icy Cape			Birds - Continued 2m 14 ft to
2			South 10 miles —			the south current at 2 P M setting
3						E.S.E. ½ miles * saw no Whales
4						W.S.W. this morning
5						
6			a few Bearded Birds			
7			2 Eider ducks			
8						
9						
10						
11						
12						Lat @ noon 70 = 28 South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of July 18
1			Thursday 7th July			Light baffling airs and clear up
2						at 3 a m when wind light from
3			Bar Aneroid in 29.900			S W with thick fog under all
4				E 29.900		sail with W & S @ 12 m wind
5			Bar Robertson in 29.600			veering to the Westward noon.
6				E 29.720		Ship with S.S.W. afternoon wind
7			Thm Fahr in 45° E 42			very light - just steerage way on
8						course @ 4 P.m. Ice 24 ft to
9						westward dusty green color
10						6 P M light W.N.W. air clear overhead
11						thick fog below
12						
1						
2						
3.						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Icy Cape" towards Whale grounds S.D. 18

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of July 1887
1			Friday 8th July			Commenced ~~Southerly~~ 5W air and thicky fog S.W. made all sail @ 10 PM calm up to 3 a m then a light S.W. airs @ 4 a m cleared off bore S.E. cloudy through the day with fog squalls seen a Sail to the S.W. afternoon ~~wind~~ variable inclining on the west side @ 5 PM Sighted Land @ 7 PM bore S.E. by E. 12 miles dist. Saw Walrus & Sprouks & many "Crowbill" auks very cold last night the former on the ice pans
2						
3			Fm Aneroid	m	30.000	
4			" "	e	30.100	
5			Fm Holosteric	m	29.700	
6			" "	e	29.820	
7			Thermometer	m 38 e 42		
8						
9			Sounded @ 12m 2m		1 fathom	
10			" @ 4PM		13 fms	
11						
12			A slight westerly current			
1						
2			This land seen today			
3			just to the south of Point-			
4			Lay very low. Land seen			
5			from Anchorage but-			
6			Nothing visible from the			
7			deck. All my friends			
8			well but C. R. Mends			
9			who is convalescent			
10			from Pleurisy -			
11						
12						

Lat 69=48 N Long 163.16 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of July 18
1			Saturday 9th July			Fresh S.W. wind and thicky fog ~~on~~ diff tacks during night or what should be night (for 20 all daylight now) ~~sighted~~ the light- Islands. At 9 a m fog cleared off made all sail with S.E. seen a sail to the N.E.W. @ 10 m saw the land ahead at 4.30 p m 11 fathoms water saw land from S.E. to S.W. low land mountainous point East 10 miles ~~to~~ the N.E.W. at 7 PM fresh breeze double reefed and ~~sighted~~ Mainsail furled. The "Alexander" standing in shore
2						
3			Fm Aneroid m		30 000	
4			" " e		29.890	
5			Fm Holosteric m		29.700	
6			" e		29.680	
7			Thermometer m 40 e 44			
8						
9						
10						
11			A strong current here			
12			sets along the land			
1			to the S.W. as with a			
2			good breeze and good			
3			keep on the ship I have			
4			made about 10 miles			
5			to the E. they last			
6			24 hours —			
7						
8			No sign of Animal			
9			life. Except - a few			
10			auks & dovy Gulls —			
11						
12						

Lat 69° 4'- Long 167. 29 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Cape Cox towards Cape Lisburne 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of July 18
1	Sunday 10th July					Standing to the W.S.W. under
2						double reefs until 2 a m
3	Bar Emerald		N	30.020		when wind veered to N.W.
4	" "		E	30.100		with much rain heading
5	Bar Holosteus		N	29.720		S.W. at 7 a m cloudy rain
6	"			29.940		ceased and wind moderated
7	Thu In 34	"	E	4 2	2 Lbs	found N Topsail yard Spring
8						sent it down fitted new
9						old spare lower topsail yard
10						sent it aloft and bent it
11						S. Y. sail set at 3 P. M. saw
12	Sent down Main Topsail					the "Alaska" to the S.W. went
1	yard. and sent aloft					out of sight by noon @ 4 P M
2	anchor.					would light from N.W. to
3						S.S.E. fm Cape distance from
4	Cut the old one up for					fire wood. saw the Clouds
5	fire wood —					about 25 miles
6						
7						
8						
9						
10						
11						
12						Lat 69 30 N Long 165 41 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of July 18
1	Monday 11th July.					Steering S.S.W. wind in S.E. sail
2						towards Cape Lisburne @ 2 a m
3	Bar Emerald		N	30 300		within 5 miles of the land
4	" "		E	30 420		hauled to the westward with=
5	Bar Holosteus		N	30.100		wind S.W. at 7 a m fog
6	" "		E	30 250		Lymuls land black @ 8 a m
7	Thu Lat		N	40 E	4 6	made all sail to 9 h M at=
8						tained Anchor off Cape Lewis"
9						looking for wind saw a few
10	Many Auks and a few					Pieces but too much ice to
11	Eider ducks observed —					land a boat too 9 1/2 P M for
12	No particular direction					point Hope wind light &
1						clear weather at 4 @ M Cape
2	Opened out 3rd cask of					Lisburne S & E 15 miles —
3	Pem & Flour & 2 Hds meat —					@ 6 P M wind N.N.E. fr. and
4	total 37 to date					freshening
5						
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Cape Lisburne" towards "Cape Lisburne" A.D. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of July 18
1	Monday 12th July					a steady N.W. wind and clear
2	Sun Azimuth		N	30.500		under all sail S.by W. at 2 a.m.
3	"	"	E	30.450		calm at 6 a light S.W. air
4	Sun Bearing		N	30.300		made preparations and smoked
5			E	30.150		ship to kill rats of which we
6	Then Take	N 42	E 46 -			are infested. @ 12 m took off
7						latitudes found 5' clear one
8						afternoon a strong southerly
9	Saw Walrus going N					wind & clear weather fresh
10						top gallant sail S.W. saw
11	Smoked ship from 7.30					Walrus this morning going N —
12	a m up to 12 m ap					at 7 P.M. furled light sails wind
1	rels- light-baffling airs					increasing
2	fresh afternoon, afternoon					
3	fresh Southerly clear					
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 67° 55' N Long 168° 58' West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of July 1881
1	Tuesday 13th July					Fresh southerly wind and clear
2						under topsails jib and courses
3	Sun Azimuth		N	30.250		on the wind S by W @ 3 a m
4			E	30.200		wind hauled more to west-
5	Sun Solstice		N	29.900		ward S. @ 12 m Mod
6	—	—	E	29.900		and wind veering W by
7	Then Take	N × E	48 -			southerly to S by E Made all sail
8						at 4 P.M. Moderate fresh wind
9						water dark green many "bowhead"
10	Strong southerly current					birds observed and a few Auks
11						a strong southerly current ship
12						having made N. 47 W. course
1						since yesterday 4 P.M.
2						at 9 P.M a thick fog furled the
3						light-sails and hove to.
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 68.20 Long 172 15 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From "Cape Lisburne" On towards S. Fire Wood C. C. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of July 18
1	Thursday 14th July					Fresh southerly winds and thick fog @ 3 a m wind moderate
2						and a heavy swell came from
3	Jan Aneroid		N	30,280		the S.W @ 7 a m calm followed
4	" "		E	30,110		by a m @ 26 the wind blew from a
5	Jan Holosteric		N	29,900		dark green color then white
6			E	29,850		dead "Feed" and many "Brown
7	Thermometer N 48 E 52 Dalm					Head" birds hovered about
8						Thick current-setting S W 1½
9	Current-S W 1½ knots					knots Jan Anero[illegible] a
10	Water dark green					light-southerly air fog lifting &
11	Much dead white feed					shutting down all sail let
12						with S.S.W. at 2 P m fog
1						cleared off and a mod E
2						wind blew clear with bright
3						sun "Cape Lisburne" 25 Miles
4						S.E. at 5 P m cloudy and a
5						mod E.S.E. wind the Land of
6						the North of "Cape Lisburne" S by W
7						30 Miles steering S.E by E under
8						all sail found & False Cape
9						East of possible where C got
10						wood last year
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of July 188[illegible]
1	Friday 15th July					At 8 o'clock last night came on
2						a thick fog pulled in Royal &
3	Jan Aneroid		N	30 180		Hundred up course @ 10 cleared
4	" "		E	30 280		up with frequent-rain showers
5	Jan Holosteric		N	30 000		steering S.E. by E from 12 until 2
6			E	30 100		A m found very light-thick
7	Thermometer False N 48 E 46					weather under all sail S.E. by E.
8	" "					at 7 A m cleared up some saw
9	Saw Ripsacks Fulmars					the land to the S 20 miles dis-
10	Bonhead Birds. Gulls					tant soon wind mod with a
11	Ducks & Much White feed					small from the S at 2 P. M was
12						within 2 miles of the beach
1						between False Cape East & the high
2	Large quantity of Drift					land to the west saw plenty of
3	wood on the beach,					drift wood all along shore but
4	West of False "Cape East"					a heavy surf with wind blowing
5						square in shore obliged us to
6						"head off" and stand to the E
7						wind veering about from S W
8						to S & E cloudy weather @ 5 P m
9						within 12 miles of "Wainwright"
10						Inlet light sails and concluded
11						to wait for a shift of wind to
12						enable us to obtain the wood

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Inhambane towards East Cape S.E. 1887

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of July 1887
1	Saturday 16th July					Through the night a fresh &
2	Bar Aneroid			In 30.320		bright and cloudy weather
3	"		"	E 30.280		Topsails on diff tacks @ 6 a
4	Bar Kolesbein			In 30.080		M hove to for Cape East 15 Ms
5	"		"	E 29.980		run around to the South of the
6	Ther In 72	E	48	Sahn		Cape and sent two boats to hve
7						for fire wood. Steered the
8	Not finding wood here					Entry shore to the high land to the
9	as I quite expected I					West and found just about
10	have concluded to proceed					enough drift wood to last one
11	until the Moon qualifies					day! took all we could find
12	for a change of wind					3 Canoes off from East Cape
1	to obtaining it from the					observed a few boats natives
2	South shore of this land					respectfull the day I was East
3	nearly at noon before					off the Diomedes Isd so with the
4	they left @ 3 P.M.					"Palmer" seeing wh[ole] close
5						Isd to East Cape land for a
6	quite cold water on this					number of days after. Shows
7	bay until within 2					I was not carry enough to the
8	Miles of West shore					Stm at 6.30 P.M within 2 Miles
9	where I found 10 fths					of East Cape in a calm under
10	& the South shore seems to					the lee of the land
11	be shoal - obtained					
12	24 Gallons water for 2 boats Friends					& Mountains

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of July 1887
1	Sunday 17th July					on diff tacks under jib and
2						Topsails through the night - in
3	Bar Aneroid			In 30.200		smooth water and moved
4	"		"	E 30.020		towards off the high Land of East
5	Bar Kolesbein			In 29.850		Cape & shortly after Breeks in on
6				E 29.850		the Southern tack Wind off the
7	Ther Fahrenheit			46 Sahn		land fine clear weather but cloudy
8						at 11 a M a canoe came off from
9						East Cape and one went to the
10	Under lee of East Cape					Diomedes same time a fresh
11	In a S W gale waiting					S W wind blowing but quite
12	for a shift - & wished					smooth under the lee of the
1	to obtain fuel wood					high land. Afternoon the
2	from the South side					Moles commencing to freshen
3	of this Peninsula					duration too rough for the
4						Canoe to return took it in
5	Saw Natives & Seen					on deck at 5 P M blowing
6	Cornhead Birds -					fresh with squalls of rain
7						reduced to double reefed Main
8						& Treble reefed Fore Mizzen &
9						Foresail jib standing with W
10						by South under Diomedes &
11						East South East Cape East S by W
12						5 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "East Cape" towards St Lawrence Bay CD 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of July 18
1	Monday 18th July					A fresh S W gale with heavy squalls
2						on diff. tacks under reduced sail
3	Pm Anemometer			W	30.130	under the lee of the land to the S.W.
4				&	30.160	of East Cape at 6.30 a m tacked S by W
5	Pm Holosteric			W	29.900	for St Lawrence Bay for a lee at
6	"		"	&	29.[illegible]	9 a m [illegible] and anchored in 9
7						fathoms water 1/2 a mile from the shore
8	Natives report the					landed and [illegible] off. Made
9	Schooner "Rose" going					a fresh gale but smooth water
10	into Lutke Harbour &					through the day toward evening
11	bringing out her whales &					Proclamation [illegible]
12	landing from there to					
1	San Francisco but as					
2	they have no record of					
3	times cannot ascertain					
4	the date of landing —					
5						
6						
7	2 Sth Reef Signals 29 [illegible]					
8						
9						
10						
11						Lat — 65° 37 N Long 171 30 West
12						Chronometers Corrected —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of July 18 87
1	Tuesday 19th July					@ anchor in 9 fathoms [illegible]
2						lee of "North Head" St Lawrence Bay"
3	Pm Anemometer			W	30.100	Blowing a clear hand Northerly Gale
4	"	"		&	30.220	at 2 P M wind increasing in
5	Pm Holosteric			W	29.400	violent gusts 7 5 fathoms chain out
6	"	"		&	29.[illegible]10	and big heavy anchor out — but the
7	Chron W 40			&	46 Chron	steamer dragged dropped the Starboard
8						anchor and payed out 40
9						fathoms chain. Sent down the
10						Royal Yards — the canvas off
11						deck — but we are still boarding
12						our East Cape Canoe Crew —
1						@ 7.30 P M. wind had subsided
2						into a calm nearly where we are
3						off shore & is still blowing fresh
4						
5						
6						
7						
8						
9						
10						
11						Nobody observing with this
12						Lat 65 = 40 Long 170 - 36 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Lawrence Bay" towards East Cape N.Z. 1887

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of July 1887
1			Thursday			A strong northly wind both ends of the Canal but quite calm all night - where we lay @ anchor
2			~~Saturday~~ 20th July			
3						
4			Sun Rises	N 30	2 0	
5				E 30	2 00	
6			Sun Sets	N 29	9 0	
7				E 30	0 0	
8			Sun Rises	N 40 E	5 2	
9						
10						
11			For steering Courses			
12			working hence to			
1			West Cape must			
2			should be taken only			
3			due a rough - as the			
4			rivers & Head and			
5			the tides rages & falls			
6			grate 3 ft -			
7						
8						
9			Took on board 50 Tons			
10			fresh water - 1 boat -			
11			load Firewood			
12			from wreck of "Cleone"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of July 1887
1			~~Sunday~~ Monday 21st July			Light - southerly airs and clear weather
2						under Main royal & F. & E towards
3			Sun Rises	N 30.25 0		"East Cape" @ 6" A M were just off
4			"	E 30.30 0		the settlement put the Canoe out
5			Sun Sets	N 30.0 0 0		and got rid of the natives we
6			"	E 29.45 0		have bounded for the last 4 days
7			Sun Rises	N 52 E	44 Sats	@ 7 A M thick fog wind light &
8						all & cloudy but no fog rounded
9			@ Anchor in 10 fms			the Cape to the Northward and
10			60 fms chain good			@ 11 A M came to an anchor off
11			holding ground. blowing			the Hills of the Japan "wreck
12			a heavy gale			Sent off 4 boats for fire wood of
1						which there is an abundance
2			Day light from East Cape			a strip of shore on the entire bay
3			East - to 4 points of			of the Bay except the opening to
4			Shore. Sent "Rifleick"			the Lagoon to the west which shows
5						an outlet. Wind freshening the
6			Took off 4 boat load wood			boats had hard work to pull to the
7						land but by 4 P M all had returned
8			Steering a Course Broad			with a full load took them up
9			360 Gallons —			as it was then blowing a gale from
10						the S E by E a canoe from "Orodin"
11			Natives report that all this			Came on board & ~~sold~~ us shark
12			drift - wood along the coast South of Cape Kerdge came on			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

there during a heavy Southly Gale ~~Sunday~~ Monday 3 years ago
first it ~~was~~ seemed like a body and no doubt was seen @ the time

From Oyapoc River towards Whale ground Lat. 2. 1851

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of July 1851
1			Friday 22d July			A strong S.E gale and clear
2						weather at 1 am then on 10 fms
3			Bar Aneroid	In 30.300		water with 60 fms chain & fort
4			" "	E 30.300		Brown. a few pieces of ice breaking
5			Bar Robertson	In 30.100		off from the shore stiff and
6			" "	E 30.000		whistling gust- as with the N.W.
7						which direction the current
8			Thm Barom 48 Sahs			sets 1 mile per hour
9						@ 4 P.M a coppa canoe
10						from the west settlement at the
11			N.W current 2 knots per hr			N.W mouth eating fast- sent down
12			Sea pale clear			4 boats for fish wood Canoes
1						left alone. @ 10.30 P.M both
2						drunk and made all sail
3						to the S.S.W. wind light from
4			Took off 5 boat-load			the S.W. shaped sail & lay
5			& 1 Canoe load of			
6			Firewood - about			
7			10 boat loads in all			
8			Since we made the			
9			attempt -			
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of July 1851
1						
2			Saturday 23d July			Calm from 12 Midnight - at 5
3						5- and then light toppling airs to
4			Bar Aneroid	In 30.300		10 when a head of wind with
5				E 30.300		dry fog Cabo Cope East N 15 miles
6			Bar Robertson	In 30.100		a canoe came off but sent them
7				E 30.100		back for fear of bad weather
8			Thm Sahs In 48 E 47			afterwards heaving to the S.S.E.
9						@ 6 P.M wind S.W. cleared off
10			a strong S.W current			made all sail — @ 9 P.M
11			probably quite 2 knots per			wore ship to the westward
12			hour			to the W.N.W. —
1						
2						
3			Surf at Park to day Total 61			
4						
5						
6						
7						
8						
9						
10						
11						
12						Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From East Cape towards Herald Island A.D. 187

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of July 1877
1			Tuesday 24th July			A Moderate Northerly wind clear
2						with Misty a swell under it
3			Pm Course [illegible]	Pm 30.380		Top gallant-sail on the wind
4			" "	E 30.420		W.N.W. a few Gulls Auks and
5			Pm Noon "	Pm 30.180		Bonhead Birds observed water
6			" "	E 30.210		of a deep dark green until 10 a.m.
7			Pm Pace	Pm 46 E 48		when it changed to reddish green
8						Frequently "feed" @ times on the surface
9						@ 7 P.M. saw one "Rifinack Whale"
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 67 = 35 = N Long 171 = 10 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of July 1877
1			Monday 25th July			A light-Northerly airy clear pleasant
2						weather under all sail on
3			Pm Course	Pm 30.490		the wind W.N.W. at 7 a.m.
4			" "	E 30.340		heading N.W.b.N. @ 12 N.N.W.
5			Pm Noon "	Pm 30.300		and @ 4 P.M. North wind
6			" "	E 30.240		gradually veering around W.N.W.
7			Pm Pace 48 Dec 54 Lat			at 6 P.M. Many "feed" observed
8						Many Bonhead Birds Gulls
9						& Pikalig gulls. Water a dark
10						green. Some current-rotion
11						by the wake probably N.W. The
12						best day we have had for a
1						Monday
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 68.43 N Long 173-24 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From East Cape towards Herald Island 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of July 1881
1			Tuesday 26th July			a Moderate Southly wind and
2						clear pleasant weather under
3	2pm		Aneroid	N	30.300	N Royal ✕ @ 4 P.M. Herald
4	"		"	E	30.220	Shoals S.E. 27 Miles. N 4 pm
5	2pm		Holystein	N	30.120	Ice think a very Land Lakes
6	"		"	E	30.100	bore W.N.W. from Herald Island
7	Thm		Variation	52	Dalm	but a few gulls and birds
8	"	7	P.M.	54	"	seen today and but little
9						Whale food water of a dark
10						green color @ 6 P.M. light-Airs
11						@ 7 P.M. saw Ice N.E. 12 Miles bore
12	A few Auks Common					for it and saw the pack trending
1	gulls and "Pidgeon					East & West- followed it to the East
2	wing" Ducks only					through the night- light-Airs mostly
3	seen today					steering from E.S.E. to E. along the
4						edge of the pack
5						
6						
7						
8						
9						
10						
11						
12						Lat 70=04 N Long 172=13 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of July 1881
1						a light-S.S.W. wind clear pleasant
2			Wednesday 27th July			weather smooth Sea Ice in sight
3						and seeing a number of Gulls
4	2pm		Aneroid	N	30.280	Auks Pidgeon wing ducks &
5	"		"	E	30 200	Bowhead birds following the Ice
6	4pm		Holystein	N	30 080	to the Eastward from North to
7	"		"	E	29.980	North-East which seems to be light-
8	Thm	N	½-2 E	64	John	and much discolored with
9						dirt- as though drift- Ice from
10	An unusual warm day					the Sound ("Holystein") @ 9 am
11						saw a small Bowhead going
12	Saw a Bowhead going					quickly to the Northward but the
1	quick to the Nor-bound					ship not-lower no chance - at-
2	"Pidgeon"					4 P.M. nearly calm lowered
3						sloop to current 0 N 1/2 mile
4	Current-0 N 1/2 knot					for Shoal 27 fths grey Mud
5	27 fths Grey Mud					bottom water deep Thermom
6						2 Watches and 1 Sent
7						
8						
9						
10						
11						
12						Lat 69:46 N Long 168=39 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From East Cape Siberia towards Point Barrow A.T. 188.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of July 188
1			Thursday 28th July			Calm clear smooth warm pleasant = @ times a light-airy breeze all sail with Ice pack 5 miles N & W to S & E
2						
3			Saw Emmid	N	30.200	
4			" "	E	30.200	
5			Saw Nolutin	N.	30.020	Saw a number of Seals & Auks
6			" "	E	30.000	@ 6 P M a light-air breezing
7			Saw N 62 28 Sabine			E by S on the wind —
8			Saw @ 8 P M 66 Fahr			
9			Water deep blue			
10			Sounding 25 fths grey mud			
11			Current S.E. 1 Mile per hour			
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Lat 69-25 Long 167-48 W —
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of July 188
1			Friday 29th July 02 1881			Calm smooth and hazy warm sun out bright-and clear overhead but hazy off direction of Barrow Walrus & Sky scarcely discernable from a stratum of vapor extending above the horizon some 8 degrees Many Seal - Saw birds Water deep blue Soundings 25 fths Mud- Current S.E. 1 Mile per hour
2						
3			Saw Emmid	N	30.200	
4			" "	E	30.110	
5			Saw Nolutin	N	29.980	
6			"	E	29.910	
7			Saw N 62 Noon 66 Ever			
8						
9			Water deep Blue			
10			Sounding 25 fths			
11			Bottom Grey Mud			
12			Current S.E. 1 Mile per hour			
1			Many Seal Sentinel			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Lat 69-35 N Long 166.31 West
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From East Cape Siberia towards "Point Barrow" Alaska

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of July A.D. 1881
1			Saturday 30th July			Calm with haze around the horizon. Not light of demarkation
2						visible until 4 P.M. - water
3	Bar	Aneroid	In	30.100		smooth as plate glass and sky
4	"	"	E	30.100		and sea same color dark
5	Bar	Holosteric	In	29.880		blue. A few seal and track
6	"	"	E	29.880.		seen @ 4 P.M. a light Fair
7	Bar	In	52-8	66 Fahr		breeze @ 6 P.M. under all sail
8						@ 1/10 P.M. saw scattering ice to
9						the northward
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 70 - 13 N Long 165 - 35 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of July 1881
1			Sunday 31st July			Calm and light baffling airs
2						under all sail. A.E. @ 6 A.M.
3	Bar	Aneroid	In	30.100		saw scattering ice ahead and
4			E	30.100		11 sail @ 10 A.M. spoke Bowper
5	Bar	Holosteric	In	29.900		Abraham Bonkin" bowling 340 Walrus
6				29.900		Lew Brewer" 7 whales. Eliza 3 do
7	Bar	In	54	E 64 Fahr		saw several ships Walrussing,
8						and 2 whaling boats down chasing
9						whales. @ 5 P.M. in sight "Rainbow"
10	the whales seen today					13 whales. Steering to the Northward
11	going south with the walrus					Ships "Hunting" 10 do "Northern Light" 10
12						"Atlantic" 6 do "John Howland" 12
1	steering ice from N to					several ships had been up between
2	NE and heavy pack pitch					ice and land as far as Herald
3	Direction of N					Islands some time ago. and had
4						difficulty in working back into
5	See reported to make on					clear water 2 lowering anchors & chain
6	the land as far south					the "Daniel Webster" has not been
7	as Point Barrow					seen or heard of since entering the
8						ice about the first of the month
9						the "Helen Mar" had picked up a
10						dead whale. "Francis Palmer" "Northern
11						Light" reporting ice as had not spoken
12						and Capt Williams boat by walrus

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					Lat 70 - 46			Long 163. 20 W	

~~From~~ Cruising off ~~towards~~ Cape Cod 18

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of August 18
1						Light - southerly winds clear pleasant
2			Monday 1st August			weather on cliff tacks under all
3						sail 15 whales & 1 schooner in
4			Bgn Arctic	N. 30. 100		sight - saw the "Graham
5				W 30. 100		Parker" take a whale fatally
6			Bgn Columbia	N 29.900		shot first - from the ships saw
7				W 29.900		the "Ira Bruce" strike and lose
8			Saw Sahn 56			a whale 2h the ship saw
9						the Coral boiling up from 2 to
10						4 M. all around with Frost
11						No birds and no devil seen
12			News of Loss of the			today @ 5 P.M. spoke "Rainbow" &
1						"John Howland" who reported the loss
2			Barque "Daniel Webster"			of Barque "Daniel Webster" crushed by
3						the Ice off Cape Smith no details
4			Crushed by the Ice on			veal total loss Capt & Mate on
5						board the "Bowdoin" rest of crew
6			the 3d July 1881 off			still on the coast somewhere
7			Point Belcher			"Bowdoin" gone to their assistance
8						
9			Beef & Pork Total 68			
10						
11			Recd from Barque "Ira Bruce"			
12			2 quts Dried fruit			Lat 70 = 34 N Long 163 1st Mer

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of August 18
1						A Mod Northerly wind and clear
2			Tuesday 2d August			under all sail on different tacks
3			Bgn Arctic	N 30	020	@ 8 A M delivered to Barque "John
4				& 29	880	Howland" a cask of Bread not packed
5						and gauging 317 gallons
6			Bgn Columbia	N 29.	750	at 10 A M put letters on board
7				E 29	620	the Schr "R. B. Handy" and spoke
8						the "Fleetwing" 7 whales 36 walrus
9			Schr	N 52	E 50 Sahn	the "Bowdoin" could not go up
10						the coast on ac of heavy ice
11						and ice from her in sight
12			Sent Letters by Schr			17 sail in all the entire fleet
1			"R. B. Handy" viz			Ice on both sides of us some
2			L. W. Parker 1.			30 miles from pack to pack
3			M. H. Perkins 1.			wholly although low & flat as
4			J. R. Bartlett 1.			to pieces of enormous length
5						and packed close afternoon
6						steering E
7						
8						
9						
10						
11						Lat 70 = 35 N Dr
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Cruising along towards Edge of Ice Pack 1881

	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31d day of August 1881
1			Wednesday 31d August			Light & E wind gradually subsiding
2						on diff tacks along edge of the
3	Gun	Arrived	N 29	880		Western Ice @ 12 Midnight Calm
4	"	"	E 29	880		and clear @ 6 A M light South air
5	Gun	Holstein	N 29	650		thick fog @ 1 P M saw Schr
6	"	"	E 29	720		R.B. Handy @ anchor saw 21 of the crew
7	Thm	Lahn	62			went on board. Capt Gibbons of the
8	Current		1½ Mile			lady Harriet Webster kept this
9						log of this ship 31d July Off Cape
10						of Point Belcher at 2 P M Calm
11						fresh southerly wind fog squall
12	Gave	Capt Gibbons				saw 16 sail and 2 of them bowhead
1	an	order to	proceed	to	Butler	Ice East & West make well to the S
2	for	5-20	Kegs	of		saw a light saw Pipsuck schooner
3	Tobacco	or	its	equivalent		& 3 ships working boats down Aperture
4						under topsails & foresail & after sail
5						Evening M C.G. sail set
6						
7						
8						
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of August 1881
1			Thursday 1st Aug			Moderate southerly wind cloudy
2						on diff tacks under M.C.G. sail
3						towards Morning calm 1/16 sail
4	Gun	Arrived	N 29	880		Saw a light standing to the S.E. @
5	"	"	E 29	840		12 M. clear saw many "Pipsucks"
6	Gun	Holstein	N 29	550		and they came with Eskimo and
7			E 29	600		about Point Belcher saw
8	Thm	N	52	E	56	several ships working boats down
9						@ 2 P.M. saw a Bowhead Cow
10						with a very small calf towards
11	Saw	a Bowhead	Cow			the boats and Channel until 8
12						P.M. Calm about all the time
1	Black	calf	both	of		when still but finely lost sight
2	them	whales	looked			of her she all along shore
3	almost	exactly	like			scattering on the Pack Make
4	Pipsucks	—	completely			around for a light to the S &
5	covered	with	lice			E P.M Saw many walrus on the
6	&	Barnacles				Ice land south 12 Miles dist
7						
8						
9						
10						
11						
12						Lat 70 = 45 North by Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From ~~From~~ Cruising Off Edge ~~towards~~ of Ice Pack Lat 68

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of August 18
1			Friday 5th	Any		Light - baffling airs calms & clear
2						weather Middle all sail on
3			Fm Observd	Fm 29.800		diff tacks with the Coast & Pack
4			"	"	E 29.300	Ice and Land to the Eastward
5						some 15 miles 16 Sail in sight
6			Fm Latitude	Fm 29.600		saw many "Pitpucks" & Walrus
7			"	"	E 29.350	on the Ice @ 10 a m thick
8						fog @ 11 clear light - continued
9			Thm 52			wind saw a large Bowhead
10						still Covered 5 boats
11						lost sight of them during fog Spk
12			Saw many whales			joined the "Platawin" Covered
1			going quick West			4 Whales per hour & we Chased
2						going into the Western Pack
3			Spoke "Belvedere" &			by 6 Pm it then commenced
4			"Platawin"			to blow a South gale with rain
5						hard hard work to beat off
6						the Pack. passed many
7			"Platawin" Cruising			Whales during the night
8			Whales O"			going quick West - Spk
9						"Belvedere" & "Platawin"
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of August 18
1			Saturday 6th August			A strong southerly gale thick weather
2						with rain. heading SW under
3			Fm Observd	Fm 29.500		topsails and reefed up 5 to P M
4			"	E 29.920		& at night - to gain an offing
5			Fm Latitude	Fm 29.400		Hove finished Imminid & double
6			"	E 29.680		reefed. At 2.30 A M wind
7						veered to SW Came up with
8			Thm 42 Fahr			Platawin & she tacked to the South
9						from 7 A M to 8 the heading
10						& wind W.S.W. then were
11			Sounding before Meridian 22 W			and finished Imminid
12			22 & 23 fms			set storm sails @ 8 PM
1						Moderating and clearing up
2			Soundings after Meridian			reefed jib & sail the night
3			17 —			Platawin close by @ 7 PM
4						were ship to the S set foresail &
5						double reefs 11 sail in sight
6						
7						
8						
9			Beef & Pork Total 65			
10						
11						Lat 70.42 N Long 161 = 11 West
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

~~From~~ Cruising to this towards North of Behrings Straits

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of August A.D. 1851
1			Sunday 7th August			Calm and clear from 3 A M
2						nothing 2 miles of the Northern
3			Bar American	N	30.050	Ice pack which makes around in
4			"	E	30.050	a light curve 5 miles to the E on the
5						this land about Point Belcher -
6			Bar Hobarton	N	29.800	this land then plain in sight from
7			"	E	29.810	the Mastheud - fine calm light - fog
8						airy on duff lucky 12 sail in sight
9			Thus Sahs	N 42 E	38 -	saw "Ripsnorts" Whales, seal & gulls
10						also a few "Bowhead Birds" @ 12
11			Current - 8 a m N E 1 mile			N saw the "Coral" close in to the
12						land with canoes alongside &
1						colors flying @ her peak. Supposed
2						the last the crew of the Col-
3						"Daniel Wheeling" as there were ship
4						about her dead not yet when at
5						2 P M bore SW along edge of the
6						Ice pack in co with mouth of this
7						fleet. No boats have been seen
8						after whales today @ 6 P M saw
9						many Whales on the Ice
10						
11						
12						

Observations -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of August 18
1						
2			Monday 8th August			Moderate Westerly winds with fog squalls
3						on diff tacking along the Ice pack
4			Bar American	N	30 - 180	Under all sail 1/2 sail in light
5				E	" 200	but more engaged in whaling
6			Bar Hobarton	N	29.850	saw the Coral Vessel and "Ripsnorts"
7			"	E	29.900	spoke "Abram Barker" and in afternoon
8						the "Belvedere" Northern Light "A" the
9			Thus N 34 E. 36 Sahs			"Hudson" on board the "Belvedere" all
10						afternoon Evening foggy
11						Capt Owen reports 1/2 sail having
12						boarded the "Coral" yesterday from
1			"Received from Bunyan			the wreck of the "Daniel Wheeling"
2			Northern Light" 1.20 lbs			had been treated in the kindest
3			bone Tobacco - to be			manner by the Natives - 11 men
4			returned @ San Francisco.			still remain on shore
5						
6						
7						
8						
9						
10						
11						
12						Lat 70 - 42 N Long 161 - 00 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Pelican" towards Yokohama A.D. 1887—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of August 18
1			Tuesday 9th	Am		Light - baffling southerly winds
2			Pm Anchored	In	30.320	cloudy foggy weather with light
3			" "	E		fall of snow & squalls -
4			Pm Holcolmes	In	30.040	Along edge of Ice pack to the N.W.
5			" "	E		the "Hidalgo" only in sight @ 12
6			Then Calm	In	34.E.42	M saw 3 sail to N.W. & 2 to the N.
7						also "Ripsacks" Afternoon light
8						baffling airs calm fog @ Latitude
9			Sail S Saw Birds			
10						
11						
12			Soundings			
1						
2			Soundings 12 M		22 fth.	
3			3 PM		22 do	
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 70 = 32 N Long 161 = 47 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of August 18
1			Wednesday 10th			A light - NE wind clear weather
2						Under all sail along the Ice
3			Pm Saw Several	In	30.320	pack to the N.W. Also 12 sail
4			" "	E	30.140	3 with boats down during
5						the day chasing whales going
6						East saw one whale & some
7			Pm Hobolmes	In	30.100	discription going to the
8				E	29910	Northward and run on
9			Then Calm	In	34 E 40	him with the "Thos Hunt"
10						the "Bryan Pacific"
11						and saw in chase a whale
12			Whales seen going			afterwards Afternoon a
1						strong breeze with slight
2			with Eastward			rain reduced sail to
3						topsails except jib
4						
5						
6						
7						
8			Several from the			
9			Bryan Pacific			
10						
11			1 26 ft bone & 1 Sperm			
12			@ 36 fm			Latitude —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Cruising off Sea towards Calais for Whaler Oct 1887

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of August 1887
1	Thursday 11th Aug					Light - L.C. wind fog and rain
2						throughout the day standing to the
3	Run Observed		N	30.100		S.E. on the wind from 7 A.M.
4	"	"	E	29.900		until 5.30 P.M. - when wore ship
5	Run Solution		N	29.800		to the Eastward under jib and
6	"	"	E	29.700		foresails saw 5 sail to N.E. by
7	Run Sake		N	44 E 46		the Lorenzo sounding from
8						23 to 25 fathoms -
9	Sounding	3 A.M.		28 fms		
10	"	12 M.		24	"	
11	"	5.30 P.M.		23½		
12					"	
1	A few "Auks" & Bonhead					
2						
3	Birds" observed. No seals					
4						
5						
6	Fog and light - rain all					
7	day -					
8						
9						
10						
11						
12						So Remaining -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of August 18
1	Friday 12th Aug					Thick glowing weather with
2						Mackerel through the night
3	Run Observed		N	29.900		and forenoon with a light -
4	"	"	E	30.100		S.E. wind Made jib and
5	Run Solution		N	29.700		foresails on diff tacks. @ 12
6	"	"	E	29.930		N. it cleared up some &
7	Run N 44 E 42 Sake					wind came out fresh from
8						the S.W. Wore ship to W.N.W.
9						and double reefed foresail
10	Saw a few Gulls this					saw 6 sail ag to Westward
11	Eve around a floating					but 1 @ 6 P.M. saw Nine to
12	piece of Wharf Rubbish					S.W.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat @ Noon S.I. 02 2

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ Training East ~~towards~~ of Lake Lisbon 1886

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of August 18 86
1			Sunday 13th August			Light- variable airs calm and
2						Hazy @ times // sail in sight
3	Run	Amount	N	30.100		the in both N & W in co with
4	"	"	E	30.250		the "John Rowland" & "Rainbow" a
5	Run	Holidaysburg	N	29.950		the afternoon - a few gulls only
6	"	"	E	30.000		observed today
7	Run	Tri & E		44 Miles		
8	Course- E by S 1 Mile					
9						
10	Lowering		24 pts			
11						
12						
1						
2	Bay & Rock		65°			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat - 71=16 N Long about 165-30 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of August 18
1	Sunday 14th Aug					Calm and cloudy all day & A m
2						then wind S E moderate
3	Run	Amount	N	30-240		on diff tacks by 12 M wind
4	"	"	E	30.000		Sail fresh until we were
5	Run	Holidaysburg	N	30.000		under double reefs pts and
6	"	"	E	29.700		foresail then 9 sail @ 8 P M
7	Run	Lake Hemlock	44			dark cloudy weather with slight
8						rain @ 7 P M a thick calm
9	A few lakes observed					then 2 ships sailing
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Cruising East towards of Port Lisburne Feb, 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of August 18
1	Monday 15th			Var		Light - Calm & hazy -
2						from 12 M. to 4 P.M. Foggy calm
3	Bgn Arawak		N	29.800		with fog - afternoon calm &
4	"	"	E	29.800		clear 9 sail in sight - 5 the
5	Bgn Wolcott		N	29.700		due to the S.E. saw Brown Cutter
6	"	"	E	29.700		come from the westward spoke
7	Then as	"	N	5 2 E	John	the "Pacific" and Klamath bound
8						the S.E.
9	Course S.E.			1½	Knots	
10						
11	Sounding 24 fths					
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat- 70-45 N Long 161-36 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of August 18
1	Tuesday 16th Aug					Calm light baffling airs and
2						thick fog all - latitude taken
3	Bgn Arawak		N	29.820		all sail spoke "Francis Palmer"
4	"	"	E	30.		with thick fog from 9 a m until 5 P m
5	Bgn Wolcott		N	29.640		then a light S.E. wind and
6	"	"	E	29.750		clear saw Two Horse Islands from
7	Then Sabe		N	5 2 E	4	S.W. & 10 miles & sail to the
8						and the peak was 15 miles off
9						there - and smoke from a
10						vessel looking to the S.W. - stood
11						off with the sun - saw spouts - saw
12	From Capt Williams					the Bering to the S.W. @ 10 P m
1	an order for 6 boats					quite dark saw smoke heading
2	Barnes. Cogan & Cunningham					to the S.E.
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Sea Horse Islands towards Herald Shoals

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of August 1897
1			Wednesday 17th Aug			A light S.E. air and cloudy dark weather made all sail
2						aback until 2 a m then Hove
3	Gun	Aneroid	In	29.990		to with W. along Lee @ 7 a m thick
4	"	"	E	29.910		fog & calm at 9 a m Hove to.
5						cloud fog and rain closed to
6	Gun	Holosteric	In	29.750		the S.E. saw Sea Horse Islands
7	"	"	E	29.700		S.E.½E. 10 miles & 2 sail Lee to the
8						West - 3 miles passed the last
9	Then	In 48 &	50	& Calm		point - about to run through
10						the Bay thicky weather much
11						rain and a heavy south
12	Soundings	at - 7 a m				squall at 5 P m furled light
1	30 fths					sails and trimmed -
2						
3	Soundings	@ 7 P m				@ 10 P m had about much
4						rain
5	24 fths					
6						
7						
8	Thick Rain & fog					
9						
10	Heavy South Swell					
11						
12						

No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of August 18
1			Thursday 18th Aug			a light - S.E. air tending to N.
2						with fog and rain @ 1 a m
3	Gun	Aneroid	In	30.000		under Lee sail set @ 6 a m
4	"	"	E	30.250		hove to at 8 W.H.W @ 10 quite
5	Gun	Holosteric	In	29.650		clear saw Lee island and
6	"	"	E	30.075		soon after a Bowhead breaching
7	Then	In 46 &	42	Calm		lowered 4 boats and chased
8						but to the Lee to the West at 12 m
9						lowered for another but was
10	Saw 4 whales going					prizing - @ 4 P m hove to and at 6 P
11	quick to the westward					along edge of Ice that makes
12						up to a Cape de Ice
1						they extreme bearing E & S
2						saw 4 whales in all going quick
3						to the West - Latter part of day
4						steering along the Ice to the
5						E & S
6						
7						
8						
9						
10						
11						
12						Lat 71-28 N Long 162-10 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Lima 162, 10. W towards Point Barrow N.D.1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of August — 18
1			Friday 19th Aug			A light W wind treading to the
2						S with clear pleasant weather
3			Bar Aneroid	W	30.350	under all sail along the Ice
4			" "	E	30.150	to the East @ 12 30 P.M. Spoke
5			Bar Holosteric	W	30.100	Barque "Hunter" from Cape
6			" "	E	29.900	Lisburne repd. Spoke the
7			Ther W 44	E 48	Calm	"Legal Tender" on 9th East-
8						standing to the E. Ice as seen
9						the Cutter clinging with the
10						@ 8 P.M. saw the Blossom Islands
11						S.E. 7 miles and a point of Ice
12						S.W. 10 miles off the — foremast
1						light- hoisting sail along land to
2						the N.E. @ 4 A.M. a Thick Fog wind
3						saw 1½ mile @ anchor South of
4						Cape Smith @ 6 A.M. Cape Smith
5						East 4 miles dist of shore 10 mile
6						South point dist 2½ W— @ 10 A.M. came
7						to an anchor in 19 ft- waiting Point-
8						Barrow E.S.E. 6 1½ miles thick weather
9						with rain and fresh S.W. wind
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of August — 18
1			Saturday 20th Aug			@ Anchor within a mile of Point-
2						Barrow bearing E.S.E. and dist 19
3			Bar Aneroid	W 29.880		feet of water 12 mile @ anchor
4			" "	E 29.820		here. thick rainy weather wind
5			Bar Holosteric	W 29.530		East — Afternoon fleets S.E. wind
6			" "	E 29.680		took on board from Barque
7			Ther W 40 - E 38			"Coral" ex "Legal Tender" 16 box
8						14 sacks potatoes 7 box onions
9			@ Anchor in 4 faths			
10			water - E.S.E. 1 mile			Have decided not to ship Whalebone
11			bearing "Point Barrow"			& oil by this "Tender" as it is to late
12						in the season
1						
2			Capt Tilton of "Legal Tender"			
3			says the "Corwin"			
4			has boarded on			
5			Wrangles Island found			
6			a good Harbor on S.E.			
7			End & a large river			
8			& plenty Gold in the			
9			Beds —			
10						
11						
12			Beef & Pork 6/—			No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "Point Barrow" towards Western Arctic Sea 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of August 18
1	Sunday 21st Aug.					a strong S E wind with fog & rain @ 4 A M Moderating
2						and clearing up with smart
3	Gun Anemometer		N	30.200		S breeze which by 8 P.M. most
4	"	"	E	30.420		of the fleet got underweigh but by
5	Gun Nobottom		N			9 P M all working to the S &
6	"	"	E	30.530		W then wind out more from
7	Gun Simpson	1/2	Lake			W N W heading N by E Capt Smith
8						and Thos Lamb came on board
9						and then Lamb took 8 Inds
10	a strong current					passengers the "Helen Mar" boarding
11	sets N					and attending to the S —
12	Current 2 knots drift-					steady along the Land until 10
1	ing S E by Gun Lake					P. M. when it died out to a
2						calm, anchored with 8 fathom
3						Anchor in 16 fths water and
4						hauled down jibs Current
5	Current setting S E					setting to the S E 1/2 Knot
6	1/2 Knot-					
7						
8						
9						
10						and Longitude reported
11						to be in East-
12						Lat 71 : 14 N Long 156 : 44 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of August 18
1	Monday 22d Aug					Light S E airs and clear pleasant
2						weather at 2 A M hove up the
3	Gun Anemometer		N	30.400		Anchor and bore S.W. all
4	"	"	E	30.460		through the day light airs and
5	Gun Nobottom		N	30.250		clear pleasant weather running
6	"	"	E	30.300		along the Land with Soundings
7	Gun Lake	"	1/2	N	14 fths	@ 12 M was off the North Sea
8						House Island 3 miles distant
9	a good quantity of Drift					& in 7 fathoms with a bank
10	wood seen on the S E					breakers off here showing light
11	of the Sea House Island					green water very shoal & the
12	to the South					ship touched also quite 1/4 Mile
1						off shore Not Lain down on
2	a Native Oomiak came					the Chart after passing the S E
3	off bought fish to Barrow					Island to the South the Soundings
4	Trading					deepen with stone Ins and
5						2 fths 2 ins & boats came off
6	Took off 4 boat loads					4 boat loads of drift wood Logs
7	of fish wood from					Timbers. and a Spars 70 feet
8	the S E Islands					Long Oregon pine 32 ft
9						at 7 P M a fresh S E breeze
10	Ed Raymond had com-					sprung up & double reefs were
11	siderable trouble with 2d mate					taken P.M. & sail to night coming
12	arising in his determination					down from the S E

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Sea Horse Islands towards Cape Lisburne Alt. 2. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of August 18
1			Tuesday 23d Aug			a fresh E wind cloudy about
2						until 2 a M then kept off the
3			Fm Anemid	Fm 30.240		through the forenoon steering
4			" "	E 29.680		to the Northward along edge of the
5			Fm Kolintin	Fm 29.960		Ice pack made double reef &
6			" "	E 29.490		reefed jib @ 10 a M thicky weather
7			Fm Fm 44	E 60 Lahs		with rain hauled up S and
8						at forenoon @ 2 P M spoke the
9			Sounded @ 2 P M in			"Fleetwing" reply the "Helen Mar"
10			24 fms Mud —			having taken 2 whales in long
11			"	"		167 W lat 71 N bore SE in sight
12			Spoke "Fleetwing"			@ 5 P M Much rain wind
1						fresh E.S.E. hauled up S set
2						close reefs and storm sails
3			Ld Raymond Just Finished			have another suit with it
4			the Rich medium			
5			sized as the Mate has			
6			right to the best wood			
7			below without permission			
8						
9						
10						
11						
12						Lo Observation.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of August 18 77
1			Wednesday 24th Aug			Standing to the South under
2						close reefs & storm sails
3			Fm Anemid	Fm 29.400		with an inky gale & rain
4			"	E 30.000		thick weather through the
5			Fm Kolintin	Fm 29.200		forenoon wind & sea moderately
6			"	E 29.700		veering to the South @ 12 M
7			Fm Fm 60 & 44	Lahs		Lo was 1 M hauling up from
8						the wind more ship to the
9			Sounding 24 fms			South 2 sail 2 in sight
10						@ 2 P M wind west - clear &
11						blowing a hard gale with a
12						heavy sea Sounded & got in
1						24 fm Mud Sent the
2						boat 5 men hoisted
3						back on a fluke chain & took
4						2 to Wainwright @ 7 P M
5						heaving for the sounding
6						24 fms Mud
7						
8						
9						
10						
11						
12						Lat 71°17' & Long 163°10' Thermo

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Eastwards towards Victoria Grounds 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of August 1881
1	Thursday 25th Aug					A Subsidiary gale clew dunkin
2						2 P.M. wind heading N on the
3	3 P.M. Ameroid			N	30.240	wind Furled double reefed
4	"	"		E	30.300	Courses - by 12 M. had N.E.
5	3 P.M. Holstein			N	30.080	4 P.M. - 2 Whl. Bx. sighted astern
6	"	"		E	30.140	wind tending to the southward
7	Thm N "46		E	50	Lake	12 M. quite moderate but by
8						3 P.M. a fresh breeze again
9						and head sweel steering
10	a few common gulls					S.W. by W.
11	& boobies birds					
12	observed but no Bx					
1	Bx sighted from aloft					
2	at 7 P.M.					
3						
4	Wales fired off guns					
5						
6						
7						
8						
9						
10						
11						
12						Lat 7 N 25' Long 163-34 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of August 18
1	Friday 26th August					At strong southerly wind with fog
2						standing to the westward shortened
3	3 P.M. Ameroid			N	30.200	to 2 sails @ 5 A.M. thick fog now
4	"	"		E	29.980	Hove to @ 8 A.M. spoke the
5	3 P.M. Holstein			N	29.940	"Fleetwing" @ 9 fog lifted bore up
6	"	"		E	29.960	set courses & fly jib through the
7	Thm 46 Uniform Lake					day dense fog @ times and South
8						Shell at 5.30. wound veering to
9	Sounding 24½ 25 fms					the S.W. wore ship about for the
10	Sand					Bx E. @ 6 P.M. wind shifted
11						to the West and weather cleared
12						up saw 3 sail to the N. & W. to
1						the N.W. set courses & fly jib
2						
3						
4	Just Took 69					
5						
6						
7						
8						
9						
10						
11						
12						60 Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Eastward towards Whaling Ground 1851

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of August 18
1	Saturday 27th August					a fresh constant wind standing to the Northward & Eastward all night
2						
3	Saw Arctic	In	30.[illegible]			
4	"	6	30 [illegible]			
5	Saw Columbia	In	29.900			
6	"	6	29.900			
7	Saw Niger	In	35 Fath			
8						
9						
10						
11						
12	Took on the Whale					
1						
2	Lat 73.05 S					
3						
4	Saw 3 whales working					
5	slow Spr.					
6	Saw the "Sterling"					
7	and "Arctic" chasing					
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of August — 18
1	Sunday 28th Aug					finished cutting @ 3 a.m. at which time started boats on diff lines. @ 8 a.m. blowing fresh from the W.S.W. cloudy and considered too rough to remain to close reefed fore & main and storm sail on the main L.T.G. 3 sail on night from 1 P.M. until 5.30 when with the wind double reefed main double fore topsail & main trigger stay sail. then wore to the S.S.W. and set fore stay sail wind veering a little both hands Birds & gulls plenty & a fine calm all day to enough to boil out one whale
2						
3	Saw Arctic	In	30.150			
4	" "	6	30.190			
5	Saw Columbia	In	29.900			
6	" "	6	29.900			
7	Saw In Niger	6	40 Fath			
8						
9						
10						
11						
12						

Summer Institute

Lat 72 = 50 S Long 166 33 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Eastward towards Mackenzie Whale Ground &c

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of August 1867
1			Monday 29th		Avg	Moderate Windy winds with
2						heavy squalls on duff taken.
3			Aneroid	In	30400	by to a In hand Mt Gail set
4	"	"		E	30,400	steadily boiling. Sent 2 hd
5		Valentia		In	30,100	strongly the day @ 4 Am
6	"	"		E	30200	spoke Barque "Sapphire" who
7		Sabine	30	E	3 P M	reports the Fleetwing lating
8						a whale last night @ 9 PM
9						during the forenoon found that
10						the lower bolt to the outboard
11						bobstay was broken off and as
12			Attach to Aneroid and Barometer			we have had no chance to
1			Barometers			fit the spare one before hand
2						about and put in new lower
3						bolt (made from pin out of the
4						aft "Simpson" port) and put a
5						cutting shackle on the cut-water
6						and set the inside one up
7						to P M. they are now fitting to
8						steady the sermon - thanks to our
9						own exertions. Not to know that
10						finish they ship @ Disco
11						
12						Lat 72. 20 Long 166-36 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of August 18
1						
2			Sunday 30th Am			A light westerly wind with fog
3						squalls much like yesterday
4			Aneroid	In	30300	light breeze Employed boiling and
5	"	"		E	30,450	stowing down the blubber off
6		Valentia		In	30,250	Noon afternoon nearly calm
7	"	"		E	30200	with fog & fogey mist squalls
8		Sabine		In	3 P M.	heavy at times Employed the
9						night @ 7 P M finished
10			Finished and			boiling the amount of
11			Overhauled Birds a few			96 barrells. @ 8 P M cleaning
12			Head & Gulls Aboard			off the deck heading East & Westerly
1						standing to the westward during
2						night In O. G. said then lying
3						aback wind Moderate &
4			Engaged all hands stowing			
5			the blubber off Holds Ventilated			
6			Bbls 284			
7			250.	Last amount		
8			335	Bbls	27.521	
9			337		1206	
10			1206		28.727	
			30 Tuns 9 gals			
11						
12			Grand Total		934 Tuns 17½ gals	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Eastwards towards "Western Whale Ground 1851

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31½ day of August 18 51
1	Wednesday		31½ day			A fresh breeze wind cloudy
2						under two R.Y. sail with the
3	Ship Emerald			In 30.450		@ 5 a m close up with the
4	"	"		E 30.310		Ice running East & Westerly
5	Ship Columbia			In 30.200		& sail to the S.E. on boiling
6	"	"		E 30.060		@ 6 a m saw a number
7	The 30	"				of whales working to the N.W.
8						along the Ice lowered 5 boats
9	Took one 12½ Whale					Struck and towed a whale
10						to Weather board - both lines
11						to the ship - and had to cut
12	Greater of whale are					fast to clear the Ice
1	Observed this day					finished cleaning away the
2	big	2	80			head by 2 p m. saw 2
3		3	30			sail to the West - and at 5 p
4		2	78			m spoke "Helen Mar" direct
5		2	78			from "Hemming Bay" reports
6		2	99			the "Belvedere" with 2 whale
7		1445	45 bbls	27½ gls		all fast - had left - and com
8						menced cutting part of day strong
9	Last Amount -			28.727		down Ice aft hold. @ 8.30
10				1445		blowing a gale of wind furled
11				30,172		foretopsail double reefed main
12	Total	9	57	26½		heading E.S.E. so Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of September 1851
1						
2	Thursday 1st Sept					A strong South wind. with
3						high Sea Increasing to a gale
4	Ship Emerald			In 30.300		by 10 P M last night - when
5	"	"		E 30.350		furled foretopsail and close
6	Ship Columbia			In 29.980		reefed the Main heading
7				E 30.110		E.S.E. Under storm sails
8	The In	32	& 36	John		until 4 a m when wore
9						ship to the N.W. & N. through
10						the day blowing hard
11	Prf & Pork 72		Total			passed "Northern Light"
12						"John Howland" and Rainbow
1						on Spirit Tack. a high
2						Sea and hard gale Steering
3						to the Eastward. @ 5 P M
4						heading N.W. by N.
5						
6						
7						
8						
9						
10						
11						
12						So Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From " Eastern Grounds " towards Cruising G. Q. 1887

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of September 18
1			Friday 29th Sept			A fresh Northerly wind & clear
2						on deck- tacked @ 5a M
3			Ran Annevick	N	30 420	wind abating Set double
4	"	"		E	30,320	reefs & storm sails Set port
5			Ran Volunteer	N	30,100	Set light- to the Southward 3 sail
6	"	"		E	30,100	@ 10a M spoke Barque "Rainbow
7			Ran Sabine	N	28 E 32	Afternoon Employed in clean
8						off- hold taking provisions
9						from forward @ 6 PM
10			Set 3 casks Pease			Shortened to 6 wore reefed
11			from Fore hold aft-			to double reefs. Noticing numerous
12			Main hold 3 casks			discolored Stormy birds
1						around. @ 7 P M wind
2			Took Old foretopsail &			Increasing Set close reefs
3			new foresail out of			heading. P.C.
4			cask and Set the			
5			New sail Pease			
6						
7			Set Watch below for Breakfast			
8						
9						
10						
11						
12						No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of September 18
1			Saturday 30th Sept-			A strong to E gale cloudy dull
2						weather with close reefs &
3						storm sails heading S.E. by
4			Ran Annevick	N	30,240	At- 1a M wind Increasing
5	"	"		E	30,140	Sprung foretopsail through
6			Ran Volunteer	N	29940	the day a high sea with rain
7	"	"		E	29940	Falling afternoon Increased
8			Ran Sabine	N	38 E 40	somewhat @ 3 P M wore
9						ship to the Southward under
10						close reefed Main &
11			Sounded @ 1 P M in			storm sails. Noticed Gulls
12			28 fathoms —			only today made change
1						to the Northward again
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Eastern Grounds towards Cruising Ct. D. 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of September 18
1	Sunday 4th		Sept			A subsiding N.E. gale with thick
2						rainy weather @ 4 a m set
3	Saw Arctic			W	30.200	close reefed foretopsail @ 5 a m
4	"	"		E	30.150	Commenced boiling from
5	Saw Hebrides			W	29.900	wind abating set reefed jib
6	"	"		E	29.900	and spanker heading S by W
7	Thu Lake		W	40	E 38	a heavy swell running from
8						the East @ 10 a m saw 3 ships
9						running from the South @
10	Saw a Bowhead					11 saw 6 whale one rising
11						only, lowered 2 boats & recalled
12	Spoke "John Howland"					them. Spoke "John Howland"
1						Nothing since last report
2	Comp. Boiling					@ 12 the bow boats & 4 gals
3						were sent to S by E the
4	Saw a few Waters going					"Rainbow" Ship & Howland
5	to the S.W.					in sight. Saw Waters a
6						few bowhead birds & Gulls
7						
8						
9						
10						
11						
12						Lat 72 - 47 & No Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of September 18
1	Monday 5th		Sept			A subsiding N.E. gale with rain
2	Saw Arctic			W	30 150	and fog Made close reefed
3	"	"		E	30.100	topsails reefed jib and spanker
4	Saw Hebrides			W	29.900	on diff tacks Comp. Do boiling
5	"	"		E	29.920	and "stowing down" Do Starboard
6	Thu Lake		W	Moderate	40 —	fore peak @ 5 P M finished
7	Gauges of casks of oil stowed					boiling and stowing down for
8	this day in fore peak & lefthold					this day afternoon Nearly calm
9	viz				360	out braces and set light sails.
10					334	heading N.E. by N. a large quantity
11					303	of shooks forward we were obliged
12					256	to put Do to single and double
1	Hole				280	blocks and stow among the oil
2					1533	a few gulls and Crowbills observed
3					30.172	only Water of a light green color
4					31705	@ 7 P M lowered Dingy to try the
5						current S.W. ¼ Knot Almost we
6	1 Cask Ivory gauging 125 gals					took the whole we have drifted
7	and containing 480 lbs					N.N.W 70 Miles —
8						
9	Summary 32 ft bbs					
10	Green Whale					
11	Current S W ¼ Knot					
12						Lat Meridian 72-19 N Long 4 P M. 170-30 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cruising In Arctic towards "Yorkhead" A.D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of September 18
1			Tuesday 6th Sept			Light - Northerly airs cloudy rain
2			Saw Emerald	N 30.160		through the night fog through
3			" "	E 30.190		day heading from E.N.E to E by N
4			Saw Holsteria	N 29.860		and making but little way all
5			"	E 30.050		sail set when to for to get sail on
6			Saw Fahr	N 40 & 46		Empt in stowing down the balm
7						of the oil and cleaning up the
8			Gauges of oil casks			decks. A few common Gulls
9			stowed in Starboard fore peak			Seals and Bowhead Birds
10	304		Last Amount			observed - @ 6 P M tried the
11	278		bbls fed	31.705		current - South 1 knot - bottom
12	267			1531		green mud Ice blink to
1	334			33.236		forenoon from E to N
2	330					
3	1531		Total 1065 bbls 3½			
4						
5	1 Cask flour 256 gals					
6						
7	Soundings 32 fms					
8	Green mud					
9	Current - South 1 knot -					
10						
11						
12						No Observations -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of September 18
1			Wednesday 7th	Sept		Calm all night with a dense fog
2			Saw Emerald	N 30.300		@ 3 A M a light S.E. air bore up & ran
3			" "	E 30.300		all sail @ 6 A M fog lifted a little
4			Saw Holsteria	N 30.060		saw a large whale still fog shut
5			"	E 30.100		down again and lost him of him
6			Saw Fahr	N 42 & 46		at 10 A M fog cleared off on diff
7						courses and tacks trying to find the
8			Working down green			whale again. but saw no more
9						at 1.30 P M bore N.N.E Stood away
10						to clear at 4 P M bore N by E saw
11						2 pieces of scattering ice to the East
12						a Number of Bowhead birds there
1						and this forenoon seals.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 72° 18 N Long 168-42 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From 73° North towards Cape Lisburne A.D 1881.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of September 18
1			Thursday 8th Sept			a mod fr wind and fog about
2						until 4 a m then took ESE,
3			Bur Arctic	Fr	30.300	@ 9 a m saw the pack ahead
4			" "	E	30.200	wind mod from E. with dark
5			Bur Valorous	Fr	30.000	cloudy weather at 11 a m
6			" "	E	30.000	closed to see some 2 towheads
7			Bur Saba	Fr	42 E 40	lowered 4 boats whale shuttles
8						back to the ESE finds going slow
9			Set all spare Shuks chains			west thick fog came on recalled
10			and stays &c rove			boats on diff tacks fog lifting &
11			Emptied slop casks &c			steering down off Pack @ 1.30
12			Cabin Lockers			P M Lukens to the S.S.E. bound
1			Set Cask Spare sails			south as I do not like to pack
2			abeft Shuksan Finished			staying here heading on the wind
3						wind all side pack E to S by
4			Sel Not book for minds			South pack breeze and cloudy
5						weather ESE. passed scatterly
6						ice all afternoon &c steady
7			Saw Bowheads			heavy pale pieces. @ 7 P M the
8			Many Bowhead Birds			ice blinky to leeward as far
9			Bunchmata Loon & the			we can see S and E wind
10			Common Gull			ESE. A bad position and I hope
11						the wind will let us out
12						Lat 72-44 @ Meridian No Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of September 18
1			Friday 9th Sept			A Moderately DR night cloudy with
2			Bur Arctic	Fr	30 1/4 0	Mist-Fog Gulls Heavy DR through
3			" "	E	30 1/4 0	the night under the Trysail
4			Bur Valorous	Fr	29.690	sail with course up at 6 a
5			" "	E	29.570	m bore S under main
6			Thr 30 " Wilson Saba			royal No ice to be seen
7						water of a dark green color
8			Many Gulls Black			Many Gulls a few Bowhead Birds
9			Birds and dim			and many black birds of the
10			ducks observed			size of the common gull no
11						ice all day many of the streams
12			Beef & Pork 7/=			when sounded but in October
1						at 4 a m bore S.S.W at 4 P M
2						hauled up W.S.W for Kendall
3						Island water of a deep blue
4						@ 6 P M water of a light green
5						color but few birds to be
6						seen a dead Walrus Sounded
7						in both blue & green water
8						25 fathoms
9						
10						
11						
12						No observation this day Is cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From 73 North towards Herald Shoals N.D. 188

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of September 18
1	Saturday 10th Sept					A Moderate S.E. wind with rain
2						fog and mist-squalls and cloudy
3	Bar Aneroid			In 30.120		weather, Stuck during the night
4	"	"		E 30.120		With Sea @ daylight-bore W by S.-
5	Bar Korlorin			In 29.920		Under all sail. Moderate wind
6	"	"		E 29.920		throughout the day @ 11 a m hove
7	Ther Kniform			Out Side		a boat and Tried current
8						Spr 1 knot-full per hour
9	Sounded @ 11 a m 29 fms					@ 6 P M spoke Barque "Abraham
10	Mud and a red slime					Barker" "Atlantic" 1 whale lately
11	on lead line like blood					and Hunter 2 whales resp.
12	Current S.W. 1 knot					"Dawn" 1 whale Fleeting 2 "
1						Belvedere" Cape @ 9.30
2	Spoke "Abraham Barker"					bore N.E. per "Herald Shoals"
3	"Hunter" & "Atlantic"					
4						
5	Common & Bermuda					
6	Gulls. A few Auks					
7	and Bluehead Birds					
8	and 2 Reds observed -					
9						
10						
11						
12						Lat @ noon 71-21 N by Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of September 18
1						A Moderate S.E. wind cloudy
2	Sunday 11th Sept					weather Under all sail N.
3						@ 5 A M heaved up on the wind
4	Bar Aneroid			In 30.100		S.E. & E. 4 Sail in sight - @ 11 a m
5	"			E 29.960		Spoke " Frances Palmer " Bound
6	Bar Korlorin			In 29.800		down we last saw her
7	"			E 29.720		afternoon wind Increasing
8	Ther Sahn	"		In 38 & 42 -		Fifty high Swell from the
9						S.E. heaving E & S. @ 4 P M
10		"			"	double reefed Sail hoisted
11	Spoke " Frances Palmer					Jib in 15 fms Shoaling light green
12						color - @ 6 reefed Jib and
1	On Herald Shoals					Spanker Sounded In 14½
2						fathoms - An Imperfect
3	" Abraham Barker " Hunter					Long Reef - the East of the
4						Shoals but as the Sounding
5	& Atlantic off Lee bow					grew shoaler & Sun Sunshine
6						so thinly we are on the
7	South by E - 10 miles					West Edge of "Herald Shoal"
8						heaving E & at 6 P M @ 7 P M
9						hauled course & set Main Sails
10	Soundings 18 & 14½ of this					
11	green water few birds					
12	Seen					Lat 70-30 N Long 170-02 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From Shoal Shoals towards North Ile Rock of 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of September 18 71
1			Monday 12th Sept			A strong S.E wind high swell
2						cloudy weather with fog rain
3			Ben Amerind	N	29.850	on the wind P.M. until 8 A.M when
4			" "	E	29.740	we were with S.W & saw 2 in
5			Ben Holiston	N	29.600	sight - who all passed us and
6			" "	E	29.450	went out ahead as they all do
7			Then	N	42.844	During day rain & fog but moderate
8						by 2 P.M had all sail set
9						& well subsiding water of a
10						light green colour - steering
11			Rain ceased about			N.N.E & N.E by E - Run this
12			3 P.M and cleared			shoals have only seen 25
1			up home. & sail			miles distant
2			ahead by Amerind			
3			"Attentive" "H Benker"			Bowhead Birds common
4			& "Daniel Quinn"			Gulls & black Mutton Birds
5						plentiful a few Auks and
6			Water light green on			one Porpoise observed
7			East bank / "Herald			@ 6 P.M all 4 of the ships
8			shoals"			nearly out of sight ahead
9						@ 7 P.M found very light - quite
10						clear Lyon 4 P.M
11						
12						Lat 70° 30 & Long 170.00 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of September 18
1						A Moderate East wind from
2			Tuesday 13th Sept			9 last night - steering N.N.E 6 miles
3			Ben Amerind	N	29.900	all sail first indications of the
4			" "	E	29.990	Northern Lights" last night through
5			Ben Holiston	N	29.600	the forenoon saw 3 sail but
6			" "	E	29.760	they went out of sight ahead by
7			Then Lahr	N	42.844	12 Meridian @ 1 P.M saw
8						Bowhead going quick to the N.W
9						lowered 4 boats - wind took
10			Passed from green light			got near enough to let him
11			water to dark green			know it and off he went
12			then to dark blue then			bore N.N.E again north wind
1			to light green then to			Moderate from S to clear &
2			dark green again so			pleasant - the first day we
3			water we have the			have had sunshine "time out
4			whole - Many common			of Mind"
5			gulls Black Gulls			
6			and a few Bowhead			
7			Birds & Pigeon wing			
8						
9			Saw a whale going N.W.W			Long by 2 day Chron 168-27 Mst
10			Gulls			
11						Lat - 71-25 North
12						Long by 8 day Chron 168-16 Mst

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Strait Shoals towards Northern Sea A. R. 188

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of September 18
1			Wednesday 12th	Light		Calm with fog rain sunshine
2			Saw Amerid	N 30.100		cloudy weather alternately
3			" "	E 30.100		Made sail course N.W.E.
4			Saw Holotuna	N 29.850		Employed during forenoon in
5				E 29.950		repairing the Main topmast
6			Saw Uniform	46 Sahs		Main topgallant stunsails after
7						saw a large shoal of Killers
8			A number of common			going in to the N.W. quarter
9			Gulls - "Gunnomatery"			saw the sea birds eating from
10			Black Gulls. Bowhead			where these Killers had been
11			Birds and one			lowered Dingy and picked a
12			Albatross seen also			portion of a seal they had
1			2 seal and a large			caught & eating - Many birds
2			shoal of "Killers"			and much feed observed
3						to day
4			Fixed current @ 9 am			
5			South set perceptable			
6			Water dark green			
7			29 fms Mud bottom			
8						
9						
10						
11						
12						Lat 71=20 & Long 168-19 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of September 18
1			Thursday 13th	Light		Calm Cloudy and light North a
2						under all sail to the Eastward
3			Saw Amerid	N 30.300		Water of a dark green color
4	"		"	E 30.400		Very many Black Gulls a
5						few Seal & Walrus seen
6			Saw Holotuna	N 30.100		@ 7 Am wind veering to the E
7	"		"	E 30.200		more ship to the N.W. &
8						through the night - a light Easterly air
9			Saw Uniform 46 Sahs			heading from N.W. to N.E.
10						
11						
12			Saw many Black Gulls			
1						
2			a few Common Gulls			
3						
4			and many Bowhead birds			
5						
6			a few Walrus going N			
7						
8			the South			
9						
10			Current N.N.W. 1 knot			
11			@ 6 Am Soundings			
12			24 fms Mud			Lat Gunner 71° 15' & Long 167-50 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Herald Shoals towards Northern Ore Ct. D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of September 18
1			Friday 16th Sept			a light Easterly wind with cloudy weather. afternoon rain
2						
3			Saw Auriculd	N 30.320		~~Set 12~~ under all sail on the
4			" "	E 30.240		wind N by E. @ 12 M saw a few
5			Saw Hebridina	N 30.090		Pairs of scattering Lee @ 4 PM
6			" "	E 30.090		began a fleet of Ice on each
7						ahead ranging from S to NW
8			Thr Labr 40			wind during night were obliged to
9						Lay S.S.E. @ 6 PM heading on the
10						wind S.W. wind light with
11						rain veering to the E.
12			Saw scattering Ice			
1			a few Birds & Seals			
2						
3						
4			Ice heavy to the			
5			Pairs 2 to 6 Aft high			
6						
7						
8						
9			Beef Rock 44 Total			
10						Estimated Longitude 167 30 West
11						
12						Lat from 71-49 @ 4 PM 72.00

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of September 18
1			Saturday 17th Sept			Calm all night with rain until
2						3 A M then a light variable
3			Saw Auriculd	N 30.280		wind stood to the West @ daylight
4			" "	E 30.400		Saw Six Sail to the West
5			Saw Hebridina	N 30.080		steering with E.N.E. one towing
6			" "	E 30 180		scattering Ice to the S & E saw a
7			Thr Labr	N 40 E 32		few detached Pairs @ 9 A M
8						spoke barque "Hunter" who
9			Saw many Bowhead			reports the "Fleetwing" having
10			Birds Gulls and a			taken a whale the Saturday
11			few Fulmars			Bore S.E. Saw as with the
12						fleet all ahead except the
1			Spoke the "Hunter"			"Fleetwing" Saw Ice at diff
2						times to the South many birds
3			first @ dusk observed			and a few walrus at 6.30
4			the ships ahead through			passed into a streak of
5			the mist squalls to			current with many birds
6			whaling and saw			Wind all sail all day
7			ourselves 3 whales			to the S.E. afternoon frequent
8			going with Watsons			mist squalls and has been
9			foretop light - sails			more or less all day falling
10			trimmed and luffed to			
11			the wind - steady S.E.			Engines Just Stopped
12						Lat 72.00 Long 165 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cruzings towards Cruzings & Ql 1891

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of September 18
1	Sunday 18th Sept—					Light baffling winds & airs
2	Dec Asterid		N	30.500		Hotterly with fine haze & mist
3	"	"	E	30.370		squalls cloudy weather — Under
4	Dec Holothuria		N	30.300		sail with Eastward — & sail
5	"	"	E	30.310		Dec light and a few Pieces of
6	Dec 32	"	N E	30 Fahr		Seaweed Dec to the Northward
7						Afternoon wind Moderate from
8	Sounded Dec 25 fths					the N.E. heading S.E by E —
9	at- 12 M—					Spoke the "Hunter" @ dark furled
10						light sails and stood to the
11	Saw a few Seal &					S.E on the wind all night
12	Many Gulls & Bonhead					
1	Bird —					
2						
3	Spoke the "Hunter"					
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 71:34 Long 164:20 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of September 18
1	Monday 19th Sept—					a fresh S.E wind and clear
2						under topsails & courses on
3	Dec Amerid		N	30.300		the wind from 6 A M D.R.G.
4	"	"	E	30 420		the "Hunter" in co. at- 12 M.
5	Dec Holothuria		N	30 300		Saw the "Allgutin" running
6	"	"	E	30.250		N. at- 2 Spoke the "Hunter" who
7	Dec N 40					kept "Allgutin" Off Point Belcher
8						Yesterday My Dec in wholey thin
9	Many birds & a few					"Northern Light" gone to Point
10	Seal observed —					Barrow" @ 3 P M Saw 7 sail
11						in all one with boats down
12	Spoke "Hunter" kept this					to the S.W. stood for her Dec
1	Northern Light bound to Co with "Hunter"					
2	Point Barrow"					
3						
4						
5						
6						
7						
8						
9						
10						
11	Struck aground-hove to the					
12	Dec too rough to lay —					Lat 71:21 N Long 163.00 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Cumings towards Cumings & Dl 881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of September 18
1			Tuesday 20th	Sept		A fresh NE wind dark cloudy
2						weather with fog squally
3			Bm Arwin	N	3 4 30	under topsails until 9 A M
4			" "	E	30 050	when double reefed topsails
5			Bm Rowland	N	30 020	and foulded mainsail @
6			" "	E	29 810	2 P M spoke Bm "Rainbow"
7			Pm Fish	N 32	E 34	who reports the "Fleetwing" cutting
8						a whale last night which
9						made him 11 bbls Sperm
10			Spoke the "Rainbow"			spoke the "Arwin" @ 6 P M
11			At Anchor =			the "John Rowland" and
12						the Atlantic Em eight Lts
1						North East @ dark furled
2						the mainsail and reefed the
3						fore sail heading on the wind to
4						
5						
6						
7						
8						
9						
10						
11						At Observations
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of September 18
1			Wednesday 21st	Sept		A fresh NE wind dark cloudy
2						weather @ 3 A M wore ship to
3			Bm Arwin	N	29 950	the N under reefed fore and
4			" "	E	29 750	double reefs @ 6 A M saw a
5			Bm Rowland	N	29 600	sail to the SE @ 10 A M
6			" "	E	29 580	squally Moderately increased
7			Pm Fish	N	34 E 36	sail to N & E & saw & sail ahead
8						@ 9 A M saw & sail ahead
9			Spoke "Fleetwing" bailing			run off to the Northward Saw
10			the 21st Whale			until 2 P M when the
11						"John Rowland" lowered for a
12			Spoke Rainbow & let-			whale wearing very thick with
1			ters home 2 bbls salt-			heavy squalls spoke Bm "Fleetwing"
2			Pork & 7 Beef			bailing her 11th whale @
3			Total 45 days - 88 =			3 P M spoke the "Rainbow" &
4						let her have home 2 bbls of Pork
5			Saw Walrus seals Birds			& 6 bbls of salt Beef At dark
6			& heavy pieces of the			moderate double reefed fore &
7			detached Ice from			whole mainsail & reefed jib
8			2 to 12 ft high Ice			& spanker heading SE by E - 5
9			large & small cakes			miles Ice right saw pieces of
10			well scattered =			heavy Ice
11						
12						At Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Eastwards towards Hewlett Island L.D. 18

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of September 18 87
1			Thursday 22d Sept-			Modinately & C wind cloudy dark weather with frequent squalls & sail in light airs the wind under foresail to the N @ 9 am wind out N heading W.N.W cleared up 10 am sun out once got sun sights at 12 M all of us Rep Ship N.W by N. and make all sail Saw Walrus and a few birds all through the afternoon Much fine snow falling at 6 P M furled light sails steering N by W under foresail & Courses foremast
2						
3			Pm Anemird	N	29.780	
4			" "	E	29.780	
5			Pm Holothuria	N	29.450	
6			" "	E	29.520	
7			Pm Saba 32			
8						
9						
10			Walrus a few seal &			
11			Gulls and a whale			
12			was seen today the			
1			Cutter only saw 15			
2			Sperm whales			
3						
4						
5			Beef & Pork 8 ½			
6						
7						
8						
9						
10						Simmons Institute 1st sights
11						Long 71 Lat Long 72 Lat
12						162 37 W 160 27 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of September 18
1			Friday 23d Sept-			a light - fr E wind clouds cloudy weather with falling snow in large flakes & sail in sight steering S by E. under all sail S by E. throughout this forenoon wind gradually dieing out afternoon called Capt Campbell of "Northern Light" on board at afternoon @ dark a light bin from the S.W.
2						
3			Pm Anemird	N	29.450	
4			" "	E	29.890	
5			Pm Holothuria	N	29.580	
6			" "	E	29.700	
7			Pm N 36 E 40 Saba			
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						No Observations -
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Eastward towards Herald Island D.R. 1871

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24th day of September 18
1	Saturday 24th					Calm light baffling airs dark cloudy weather with rain & snow alternating through the night and forenoon Afternoon cleared off Sun came out @ intervals Saw 7 sail all bound to the S.W. steering SW by S under Numerous sail all day with a fresh S.E wind from 10 a m I saw a dead "Killer" - @ dusk 2 sail ahead 3 astern and 2 off Port quarter
2						
3	Sun Amerind		N	30.080		
4	" "		E	30.250		
5	Sun Kolovtsoi		N	29.880		
6	" "		E	30.080		
7	Thin Sail		N 42 E - 38 Sail			
8						
9	Saw 7 sail					
10						
11	A dead Killer					
12						
1	and many Gulls only					
2						
3	this day					
4						
5						
6						
7						
8						
9						
10	Long @ 4 P.M. 170.37 W Lat 71.04					
11						
12	Lat @ noon 71-16 N					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25th day of September 18
1	Sunday 25 Sept					All through the night fresh S.E wind & clear steering SW under Topsails at daylight saw Herald Island distant 40 miles and one ship to the North spoke her @ 9 a m the "Coral" with 14 whales ship Belvedere 16 whales Helen Mar 15 Reapers to all taken in addition to last report - to E of the Island through the forenoon steering S.W. at 12 m baffled with wind with S.E winds and misty snow squalls at 3 P.M saw the "Ralph" take a whale @ 5 saw the Coral cleaning and saw a whale ourselves one rising - @ 6 P.M spoke Bengal "Thomas Dove" who sailed from Oahu on the 11th July and sailed on the 29th August saw 2 ships
2						
3	Sun Amerind		N	30.400		
4	" "		E	30.380		
5	Sun Kolovtsoi		N	30.200		
6	" "		E	30.180		
7	Thin Sail		N 40 E 40			
8						
9	Spoke "Coral" 14 whales					
10						
11	Spoke "Thos Dove" clean					
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ Evening X.E. ~~towards~~ Herald Island 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of September 1881
1	Monday 26th Sept=					a fresh East wind and clear
2						cloudy weather first part of
3	Dan Aneroid N			30.360		last night- steady breeze under
4	Dan "		E	30.350		double reefs on the wind 3 P.M
5	Dan Kolovkin		N	30.280		& hauling East and through
6	Dan "		E	30.160		the day. Fine moderate
7	Dan Fahr		Uniform	38°		wind blowing in gusts under
8						all sail & Ship Mostly 11 A M
9						When we saw whale bowed
10	Herald Island					15 M off East and @ 2 PM
11	In sight=					lowered for boats again
12						with like result= Saw a
1						number of whales going
2	Saw a number of					quick 2d all directions
3						"Herald Island" & Ship 10 Miles
4	Bowhead whales going					7 Miles In sight= 2 boiling
5						
6	quick In diff directions					
7						
8						
9						
10						
11						
12						Herald Island S.S.E. 40 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of September 18
1	Tuesday 27th Sept=					A Mod fr. wind cloudy weather
2	Dan Aneroid N			30-320		on diff tacks under Whole Main
3	" " E			30-300		& double reefed foretopsail @
4	Dan Kolovkin N			30.180		daylight= 6 A M saw whales
5	" " E			30-090		going quick with westward
6	Dan Fahr 38 Uniform					current Mostly 12 When struck
7						and saved a whale to windward
8	Took our 13th Whale					boat= took him to the ship &
9						finished cutting by 6 PM a
10						long single Flow fr= "Herald
11	Herald Island S.S.E.					Island S.S.E. 40 Miles saw the
12	40 Miles=					"Scopius" John Howland & the
1						"Helen Howe" bowing for the
2	A westerly current					Steamer "Belvedere" took a
3	and light smell					Whale and the W & Ex Steamer
4	from S.E=					Steamer "Rodgers" Who has been
5						Many Whales seen today
6	Many Whales seen					going all ways & quick
7						
8						
9						
10						
11						
12						Jno Humphreys

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

~~From~~ Cruising N. & W. ~~towards~~ Herald Island & Ice 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of September 18
1			Wednesday 28th Sept			Calm & clear all night- daylight- a light- N E wind 7 sail in sight & Herald Island N.N.E. 40 Miles. @ 8 a m saw whale lowered 5 boats struck and towed a whale to the Starboard Bow Boat- @ 1 Pm commenced cutting and finished at 6 Pm Many whales seen to day but going quick on top of water. Nearly all showed flukes and when down seemed to be inclined not to go away
2						
3			Bm Arnevid	N	30.350	
4				E	30.360	
5			Pm Robertson	N	30.100	
6			"	E	30 120	
7			Pm Lake	N	38 6 42	
8						
9						
10			Took on 14 th whale			
11						
12			Herald Island bearing			at 7 Pm quite a fuse of light- known as a squall at 7.30 quite clear— Eng— in boiling through the night- but- cooled down @ daylight on the 29th
1			about the same as			
2			last night= very			
3			many Common Gulls			
4			around and seem			
5			very hungry-			
6						
7						
8			7 sail seen to-day			
9						
10						
11						
12						Herald Island S.S.E. 40 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of September 18
1			Thursday 29th Sept			A light- Northerly wind cloudy weather and snow squally @ daylight saw 2 more whales lowered 4 boats struck and towed one to the Starboard boat took living with Ship- sent- off 2 boats and @ 2 Pm took another to the Starboard boat- Pm boats 2nd mate in her finished cutting by 7 Pm just before dark wind blew out- about Moderate at whole topsail & jib & aft- sails & headed on the wind East- a heavy squall of snow and hail just- before dark left the water covered with streaky thick ice not- well-. this looks like winter and do feel like working South- Bm & Bark saw the "Pelphia" cut a whale
2						
3			Bm Arnevid	N	30.300	
4			"	E	30.300	
5			Pm Robertson	N	30.220	
6			"	E	30 280	
7			Pm Lake	E	36	
8						
9			Took on 15th & 16th Whales			
10						
11						
12			Bm "John Howland"			
1			Bark "Helen Mar"			
2			& "Sea Breeze"			
3						
4						
5						
6			Many whales seen			
7			to day- All 4 of			
8			these whales Bm			
9			or More Bull=			
10						
11						
12						For Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

~~From~~ Cruising S.E.&W. ~~towards~~ Herald Island 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of September 18
1			Friday 30th Sept			Light-southerly airs and snow squalls
2						through the night-during day light
3			Ran Emerald	N	30	E by N	20	East wind and clear weather
4			" "	S	30	E by N	20	at daylight-saw whales cooled
5			Ran Columbia	N	30	E by N	00	down the works and lowered
6			"	S	30	E by N	00	4 boats struck and killed a
7			Ran Lahaina	38		Uniform		whale close to the Leeward
8								boat-with Lance gave her
9								him to ship @ 130 PM and
10			Took on 1 Right Whale					finished cutting by 4 PM the
11								rest of the day employed
12								oil down after part of after
1								lower hold. At dark heading
2			Got few whales seen					on the wind S.E. by E under
3			today					x off sail and 10 knots! Saw
4								the "Helen May" cutting with her
5			Many Common Gulls					colors flying (full ship) saw
6								the "Ben Rhodes" and "John Howland"
7								also cutting 9 sail in sight
8			A strong Northerly current					Commenced boiling @ dusk
9			prevails here -					
10								
11			Gauges of oil stowed viz			304		
12						232		Lat-72-36-N Long 174-36 West
						138		
						674		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	Last Account		33.236	Total	33.910 gulls		Total	1076-16 gulls	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of October 18
1			Saturday 1st October			An increasing NE wind cloudy
2						weather by 10 PM had reduced
3			Ran Emerald	N	30	180	to double reefs. Employed boiling
4			" "	E	29.	700	At-7 A M blowing a gale with
5			Ran Columbia	N	29.	780	snow squalls. Cooled down
6			"	E	29.	500	the Engines stowed off the aft
7			Ran Lahaina	38	Salve		hold Part-all bone from the
8							the deck in after hold and
9			Carrying sail hard all day				stowed one cask oil. Lashed
10			to Ran "Howland Island"				two casks of oil aft on port side
11			high sea from the E				part all starting gear in the run
12			ship pitching violently				to trim ship of the steering-
1			at times - Trimmed				reefed mainsail and under
2			her all we could by				that double reefs reefed jibs
3			the steering				Spanker and foresail was
4							the wind until 4 PM when
5			2 sail in sight - at -				wind veered around to the N
6			dark - 3 this morning				and snow ceased falling it be
7							warm & more like raining
8							keeping through the day. At 6 PM
9			Ships moves heavy				4 sail & by E and at 6 PM E
10			with 5 whales in				The Northern light and one
11			the Starboard waist				other sail in sight
12			At dark finished cooling & jibs				No observations -
			Set fore staysail				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Herald Shoal towards Glover Bay N.S. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of October 18
1	Sunday 2d of October 1881					A subsiding N E gale with high cross
2	Sun observed	M	29	700		swell steering E under double reef
3	" "	E	29	800		and storm sails. @ 2 a m wind
4	Sun Solstice	M	29	540		got N.W. blew E by S and by 7 a m
5	" "	E	29	600		had Main royal set - weather clear
6	Thos Lake	M & E	32	Uniform		but cloudy through the forenoon
7	wind light N E with light					steering N by E ½ E cut planed the
8	fall of snow					"Hook Rope" and 2 other gangues
9	An albatross a few gulls on the wind to the Northward saw					a whale once showing the forenoon
10	several large and small gulls					Employed in breaking out the fore peak
11	and a whale of some					port side starting water in ground
12	kind seen to day					and stowing ice. @ 12 hove N by E
1						wearing ship and wind steady
2	Stowed 7 casks of oil stowed					to the eastward passed a stick of
3	Yesterday Bbls		280		Affixed	light-green wood @ 4 P M supposed
4	To today		333			it was the south end of "Herald Shoal"
5			307		"	sounded in 22 fths @ 5 P M at
6			920			dark wood light N E with light
7	Last Amount		33.256			fall of snow judge from compass
8			34.176			distance and soundings the Shoals
9	Total		1084 Bbls 10 gals			bear N E 18 Miles steering N by E.
10						Furled fore T G sail & Main Royal
11	Trimmed ship by the stern with					No Observations
12	fresh water & shook Heads					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of October 18
1	Monday 3d October					A fresh N E wind cold with snow
2						falling through the night steering N.
3	Sun Amerid	M	29.840			by E. @ daylight carefully cleared set
4	" "	E	30.100			brought to for the balloon sail @
5	Sun Solstice	M	29.560			6 30 a m sounded in 20 fths of
6	" "	E	29.880			water which was of a light color
7	Thos Lake	M	32	E 30		supposed to be south edge of the
8						"Herald Shoal" through forenoon
9	Saw a dead "Whitefish"					the wind freshening and hauling
10						NW E @ 11 a m saw a sail
11	Sprung 9 a m the water					ahead appearing quite clear N
12	has been of a dark					snow but cloudy @ 6 P M steering
1	green color. When I					S E saw 4 P M saw Cape Lisburn
2	passed here in July					S E 40 miles wind then light
3	last it was of a deep					veered around to the West fresh &
4	blue. I think it					clew handed up & furled royal
5	changes always lately due					& topgallants and made while
6	the season					upholds furled M O M stopped
7						and reefed mainsail & hove
8	I had some doubt of					to steered her course N clew Point
9	the correctness of my					Lake
10	forenoon sights as the					Instead of passing south of the
11	Horizon was not well					Shoals she went to North of them the
12	defined. but they were					green water seen this morning must

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

have been quite 45 miles N E of them
Lat @ noon 69.46 N Long 9 a m 16 7.46 W

From Cape Lisburne towards Cape East Dr. D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of October 18
1			Monday 4th October			A fresh west wind & cloudy under topsails and courses & jibtail 10 P.M. Gentle & when set M.S. & sail some Gentle when set M.S. & sail some Gentle when set M.S. & sail some
2						
3	Ran	Amerind	N	30.	410	
4	"	"	"	30	400	
5						
6	Ran	Kolotzin	N	30.	200	
7	"	"	E	30.	200	
8	Then	N	32 E	38	Fahr	
9						
10						
11	Some drift-wood and					
12	many Gulls observed					
1	At 8 fathoms Sides & "Cow Bill"					
2	Ducks and a couple					
3	of diver ducks & Shags					
4	towards night					
5						
6						
7						
8						
9						
10						Long @ 4 P.M. 167 = 48 West
11						
12						Lat @ 4 P.M. 67 20 N.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of October 18
1			Wednesday 5th October			A Mod N & wind and clear
2						Moon out bright - all night
3	Ran	Amerind	N	30.	500	Under all sail & by & until 1
4	"	"	E	30	320	Midnight - then fitful light
5	Ran	Kolotzin	N	30	350	light @ 2 a m saw Cape
6	"	"	E -	30	410	S.S.W. 40 Miles Made all sail
7	Then	Fahr	Variation	40		and by & a m was abreast the
8						South end of it - wind subsid
9	Saw	Humpbacks	Many birds			and veering to the W. from 10 to
10	and	some	drift-wood			2 Nearly calm then Mod breez
11	Not	a piece	of ice seen			from S.W. clear & pleasant
12	Saw	a pair	of the			Heading from S by E to S on the
			Images of Cushy of oil			wind / at 12 m commenced
			filled the Sea peak to day			boiling. Ran through fourteen
8	Brig		301			to Starving Sea peak with Cush
4			304			to run oil Lat at - dark Hazy
5			309			Head N - Lawrence Bay W by S. Cape
6			9 15			Cape S & W - Diomede S W &
7						Starving Rock" W 12 Miles Cape
8	Lat	Amount	34 15 6			Prince of Wales N right towards
9	Total		35.071			night - Wind freshening reduced to
10						N.N.E & sail & by fill Thermometer
11			111 Barrels 14½ Gallons			
12	Beef & Pork		89			Lat by Rm 65 = 40 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

Long by Ob 169. 25 W

From "East Cape" Asia towards Plover Bay Cst. D. 1887

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of October 18
1	Wednesday 6th Oct					Light west south west wind all night-
2						clear and bright- Moon light
3	Bar Aneroid	In	30.650			Under all sail except- Mainsail
4	" "	E	30.600			on the wind P.P.E. daylight- Am
5	Bar Holoturia	In	30.410			squalls of fine rain & thick and
6	" "	E	30.420			cloud [illegible] from S.W.- Funked
7	Ther Lake	Uniform	46-			light- Sailed saw Dromedas E by S
8						20 Miles- all through the day
9	Off South Head	St Lawrence Bay				heading from S W to W by S while
10						out- sea[illegible] from 8 a m. Emp In
11	Saw a sail & many birds					boiling up to that time when we
12						cooled down- Stowed off the
	Grapes of oil casks stowed					fore hold with empty oil casks
2	Hold this day		Viz	207		Hooks and fore wood the two
3				204		latter articles we have more than
4				299		a surplus of- At 3 P m had
5				309		everything about decks cleared up
6				1019		at 6 P M saw a sail to the South
7	Last Amount-			35.071		and South head St Lawrence Bay
8				36.090		N. "South Head" West 10 Miles
9						Gloomy cloudy weather- reduced
10	Total	1142	bbls 3½	gals		to double reefs reefed jib Mainsail
11						& Mizzen sail and wore ship to the
12						E.S.E blowing fresh In gusts

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of October 18
1	Thursday 7th October					A fresh Southerly wind with rain
2						through the night- heading E.S.E.
3	Bar Aneroid	In	30.560			Under double reefs and course
4	" "	E	30.400			until 3 A m when we wore ship
5	Bar Holoturia	In	30.420			to S.W. Daylight South head of
6	" "	E	30.250			St Lawrence Bay W 20 Miles
7	Ther Lake	In 44	& 42			by 12 M had Inhaumet sail to
8						single reefs with Topgallants set
9	Saw many birds of					and all fore & aft sail they
10	diff varieties and a					"Coral" came up with and passed
11	few whales probably "Finback"					us afternoon out reefs @ 3 P M
12						fresh breeze funked S.S.E sail & Set
	Grapes of oil casks filled					quite clear through the day each
2	In fore hold this day	by	307			both Heads St Lawrence Bay @ dusk
3			280			South Head or by E 25-30 Miles
4			288			land in sight of St Lawrence N
5			875			and Ahead steering S. some 25-
6	Last Amount-		36.090			Miles the "Coral" 2 points off
7	Total		36965			Lee bow 5 Miles. Wore Hauled
8						at dusk heading S.W.- Hazy
9						all day
10	Total	1173	Bbls 15½	gals		
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "East Cape" Asia towards Plover Bay A.D. 188

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of October 18
1			Saturday 8th October			@ 9.30 last night - In 10 fathoms water
2						wore ship to the S.E. Clear weather
3			Fm Amerind	In 30.	500	bright - Moonlight - by 3 a m wind
4			" "	E 30.	480	veering to the N hauling to E & E
5			Fm Hobsteria	In 30	400	at 6 a m calm and clear Eng
6			" "	E 30	400	Cape North & South Heads of St
7			Fm Sahr	In 46	E 42	Lawrence Bay and land Eng
8						right - Wind West as far as N
9			Emp Ln boiling			the "Coral" close by by 12 m a
10						which fog and light S E wind
11			Saw the "Coral"			bore N by W under all sail
12						Emp Ln boiling At 1 P m
1			In Behrings Straits			fog lifted, Some Sea Lions
2						seen blowing N by Compass who
3						I call "Big Island" At 6.30
4			Wishing to signal my			hoisted with wind E & E about
5			3 Natives @ Plover Bay			under topsails Cooled down
6			I lay aback tonight			the works wind freshening
7			that I may get sun			to fm E & E with flying
8			sights for W the leeward			Rain run off to the S.E. about
9						8 Miles and hoisted to aback @
10						6.30 P M
11						
12						No Observations Sun Obscured

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of October 18
1			Sunday 9th October			Saving aback under topsails
2						Hoisted S.E. Weather thick wi
3			Fm Amerind	In 30.	250	rain Squalls from N W to W by N
4			" "	E 30.	300	at 1.30 a m Squalls forward
5			Fm Hobsteria	In 30.	110	wind veering to the Eastward
6			" "	E 30.	120	with Much rain and Increas
7			Fm Sahr Mifoon 46			ing force heading S.E. & E. gradly dark
8						ing up to 6 a m when we set reefed
9						Trysail jib and Spanker At
10						6 a m T. sail by 9 a m the wind
11						was out S.E. blowing a gale with
12						thick rain Storm Wore Ship to
1						E & N and reduced to double
2						reefs and Storm sails. from this
3						to 3.30 P m Much rain high sea
4						but decreasing wind Continuing
5						from E to E S.E. @ 3.30 when wore
6						Ship to S.S.W. @ 4.30 27 of the Wales
7						can see perhaps a distance of
8						5 or 6 Miles. rain falling -
9						
10						
11						
12						No Observations Sun Obscured

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From In Behrings Straits towards In a S.E. gale & rain storm

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of October A.D. 1867
1	Monday 10th October					A fresh S.E. gale with fog & much rain
2						on diff tacks soundings every hour
3	2pm Aneroid		N	30.350		from 21 to 27 fms @ 12 Midnight 30 fms
4	"	"	E	30.340		and heading from E by S to E & by S to
6	2pm Holbrain		N	30.240		Starboard & from S by W to S.S.W. on Port
6	"	"	E	30.240		tacks during forenoon could see
7						5 or 6 miles set reefed jib M.S.M.S.
8	Then Saba		N	46 E 44		staysail reefed mainsail whole foresail
9						and double reefs & spanker heading
10	from 10.15 a m to 6.30					S by E 1/2 E until 10.15 a m when seeing
11	p m heading from W by S					many black birds and having 24 fms
12	to W by South and carrying					judged we were nearing the land
1	24 fms @ 6 p m 25 fms					about Big Island wore ship to E by S
2						furled sails and kept on that tack
3						until sounding ranging
4	Dark gloomy weather					from 24 to 25 fms Much rain
5	and much rain & fog					during the day dark cloudy dismal
6	when raining could					weather
7	see 4 or 5 miles when					
8	fog 2 or 3					
9						
10	Albatross common Gulls					
11	Hags & "Crow bill ducks					
12	Numerous					No Observations Sun Obscure

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of October 18
1	Tuesday 11th October					A fresh S.E. gale with rain and
2						fog much double reefs & reefed
3	2pm Aneroid		N	30.200		jibs on the wind with E by S
4	"	"	E	30.320		until 12 M soundings from 25 to
5	2pm Holbrain		N	29.900		27 fms at 12 Midnight wore with
6	"	"	E	30 2.0.		S.S.W. at 4 a m wore to the East
7	Then Saba		N	44 E 46		again @ daylight blowing fresh
8						at 7 a m wind veered to the S
9	@ Anchor in Lutke Harbor					Cleared off and blowing
10	Crew in boiling & stowing					to a hard gale from South Head
11	down.					of St Laurence Bay W by W made
12	When we came to an					all the sail she would bear
1	Anchor we ran in under					and bore W by W for "St Laurence
2	"bare poles" wind blowing					Bay." @ 1 P.M. came to an anchor
3	heavy from the S W all					in Lutke Harbor with both Anchors
4	"feather white"					in 16 fms water "Helen Mary"
5						have full 18 whales 2000 bbls
6	9 pays of oil filled in					Distinctly the works and broke
7	last week this day viz 244					out aft hold to stow down
8	135					by 4 P.M. wind moderate from
9	244					West and clear. a canoe
10	573					alongside
11	Last amount	36.965				
12	Total amount	37.540				No Observations —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S East	1191 Hbls	23½ gals							

~~From~~ @ Anchor In ~~towards~~ Sutter Harbor "Lawrence"

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of October A.D. 1857
1			Wednesday 12th October			Through the night wind moderating
2			Pm Anchored In		30 Fms	veering to the West Empd in boiling
3			"	E	30 Fms	@ daylight - Moderate NE wind th
4			Pm Holentine "	In	30 Fms	unm Starboard anchor throughout
5			"	E	30 Fms	day empd in stowing it after hol
6			Pm Sahi "	NE -		@ 2 @ In "Helen Mar" Sailed
7						for Francisco 17½ Whales 200 bl
8			9 Gages of oil casks filled			of oil. Many canoes came off
9			this day in Aft Hold viz			so many Natives were on deck
10						that I could not carry on the work
11					279	so gave them a bucket of Beans
12					286	each and sent them off
1					287	Let Capt Handley have 26 gnats
2					852	sacks of last voyage flour -
3			Last Amount		37540	@ dark a light NE breeze smooth &
4					38392	continued to be foggy -
5						
6			Total 1218 bbls 25 gals			
7						
8			Let Helen Mar have 26			9 Gages of fresh water Empd from lower
9			Gnantity sacks last voyage flour			Hold aft Starboard Foot
10			Received 1 200 box Cheese			Butt full 1½ bbls 328 203
11			" 2000 Minles			" 25 bbls on 160 253
12			Beef & Pork 91 bbls			deck = 331 308
						276 306
						330 329

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 13th day of October 1857
1			Thursday 13th October			@ 9 o'clock last night a fresh NE
2			Pm Anchored In		30 Fms	gale with much rain dropped
3			"	E	30 Fms	Starboard anchor Empd in boiling
4			Pm Holentine "	In	30 Fms	at 7 a M Mod wind tending with
5			"	E	30 Fms	more rain the Anchor again Empd
6			Pm Sahi "	In 52	& 46	stowing down. At 12 thick fog light
7						wind veering to the South @ 4 P.M.
8			9 Gages of oil casks filled			blowing fresh with rain & lightning
9			this day Aft Hold viz		283	& some dropped Anchor again
10					286	wind South stowed off the lower
11					343	hold and between decks aft - a
12			Fore Hold		257	Starboard Lieby - viz 1 Bread ca
1					290	in use 2 Hook Head casks - 4
2					310	Salt Beef one do Aend
3					240	
4					303	
5					208	
6					2529	
7			Last Amount		38392	
8			Total		40921	
9			Total 1299 bbls 2½ gals			
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

~~From~~ @ Anchor In "Luther" ~~towards~~ Harbor St Lawrence Bay

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14th day of October 1887
1	Friday 14th October					a Moderate South East wind and
2	Fore Reef		N	30.400		cloudy without rain all night Emp
3	"	"	E	30.480		In boiling Forenoon baffling winds
4	Fore Holsture		N	30.220		and clear Emp In boiling & stowing
5	"	"	E	30.400		down oil between decks afternoon
6	Fore	N	50. E			Calm and clear @ 2 P M finished
7						boiling. Emp In taking In the
8	Gauges of oil casks				Stowed	large cutting stage Landing
9	between decks Viz				285	down cutting falls & block Crows
10					288	Rest " taking craft out of the
11					285	boats and stowing between deck
12					287	Rest to rail fit ash S P M Steel
1					285	In Skil pen
2					259	
3					317	
4	Last Amount			40.921	227	In after holds there In as follows
5				43.154	2233	1 Cask 11 bags flour
6	Total 1369 Bbls 30½ gals					1 do Bread 341 lbs
7						1 Cask old Bread.
8						1 do Village Vinegar
9						1 do do Molasses
10						2 Full Firces Vinegar
11						1 bbl Thrush - 8 bbls Beef 5 do Pork
12						1 Cask Lard 950 lbs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15th day of October 18
1	Saturday 15th October					Calm and thick fog throughout
2	Fore Anchored		N	30.500		Emp In stowing oil between
3	"	"	E	30.410		decks @ 9 A M. H.M.S. Relief "Rodger"
4	Fore Holsture		N	30.400		Came In and anchored close by
5	"	"	E	30.300		Paid off My 3 Natives gave them
6	Fore	Uniform	52	Fahr		they Starboarded bow boat and they
7						started for "Flower Bay" took off a
8	Gauges of oil casks					raft of 3 casks of fresh water
9	stowed between decks					@ dark still Calm and thick
10	Viz — — —				254	fog Port anchor down and all
11					256	chain out Took In waist boat &
12					285	put her on the Davits and put
1					251	bow boat on Waist boat ordnance
2					255	
3	one Village 24-3 1/2				307	
4					126	
5	Last Amount			43.154	1734	
6					44.888	
7	Humpback.				733	
8					45.621	
9	Total 1448 Bbls 9 gals					
10						
11	Discharged 3 Natives					
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From "St Lawrence Bay" towards Cape Chaplin N.D. 1

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 16th day of October 18
1	Sunday 16th October					Calm and clear @ daylight Employed in washing ship @ 11 a m Capt Berry of the W.S.S. "Rodgers" came aboard and kindly offered to tow me to sea hove up anchor & had tow of her towrope but the line and continued towing in light baffling airs until 4 P M when we were then off the village of "South Head" a light S E breeze then sprung up and casting off we hauled down and made all sail to the South while the Rodgers returned to her Winter quarters @ St Lawrence Bay to extend her exploration as far as possible in search of the "Jeannette" @ 5.30 P M South point of South Head W by S 5 Miles @ dark a moderate S E wind and clear weather. clear Starlight
2						
3	Bar aneroid	m	30.400			
4	"	"	& 30.150			
5	Bar Holosteric	m	30.150			
6	"	"	& 30.000			
7	Ther Fahr	m	50 & 47			
8						In Lutke Harbor
9						
10	A Mail on board from					By morning sights 9-20 a m Rate of the
11	the "Rodgers"					8 day chron 2h 43' = 19" Fast & gains 2.4/10 a
12						2 day do 15' = 2" Slow & loses 1.3/10 per daily

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 17th day of October 18
1	Monday 17th October					A Moderate S.E. wind and clear
2	Bar aneroid	m	30.100			Starlight Under all sail South @
3	"	"	& 30.050			8 P M yesterday evening wind haul
4	Bar Holosteric	m	29.850			to the Eastward breeze up sharp &
5	"	"	& 29.940			she just could lay her course @
6	Ther Minimum Fahr		44			daylight came on fog and wind
7						Inclining to the South from 7 a m
8	A canoe came off from					to 10 Much rain at that time
9	the point this afternoon					a dense fog noticed tide rips on
10	who reports the Steamer					the water supposed we were near
11	"Belvedere" yesterday went					Cape Chaplin or Indian point the
12	into Rover Bay with 20					ship with courses up to the East
1	whales all told. that the					wind then due South @ 11 a m
2	"Dawn" had been there					cleared off bore ship both W.T.
3	and sailed some time					Made all sail @ 11.30 saw a bold
4	ago.					bluff off Rost bow 1 point and so
5						after Indian point bearing S
6	No unusual number of					& 5 Miles. with the land with
7	birds observed to day					and then small Island and
8	some Rip sack whales					barque @ anchor both & which
9	with a light green					soon got underweigh I think
10	color Soundings @ 8 a m					"Sea Breeze" and drifted through
11	20 fths @ 9 17 fths and just					afternoon working up towards
12	after veering ship 19 fathoms					Point — a strong N.W. current
	a peculiar Saddle shaped					Mountain back of the point Bearing N.W.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

a good land mark for foggy weather this point not over Miles S W by S

From St Lawrence Bay towards Cape Chaplin N. D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 18th day of October 18
1			Tuesday 18th October			from dusk last night up to 10 PM standing to the E on a wind under
2			Bon American	In 30	2 00	all said then wind veering round to
3			"	E 30	2 00	the S.W. let us up S.E. @ 12 when tack-
4			Flor Volorita	In 30	00	and stood on 2 hours tacks until
5				E 29	2 00	daylight when stood in with the
6			Thus In 44	E 40	Fahr	land all fine weather foggy
7						lifting at times @ 10 a m sounded
8			we are anchored some			in 29 fathoms supposed we were
9			cun see an opening			south of the point as the water
10			a point from land			was quite dark compared to
11			Island to the west to			what it had been @ 11 a m it
12			the west			cleared off saw "small Island"
1						ahead and saw Mahogany
2			Our 3 natives are			Point off lee beam & found
3			discharged @ St Lawrence			we had been carried by the
4			Bay came alongside			current to the South through the
5			having got what fish			night wind baffling and light
6			and left again @			stood in to 13 fths water and
7			dark for Flower Bay			anchored with port anchor & 30
8						fths chain @ 4 PM for Lifeless
9						Small Island S W by W & Miles
10						Mahogany point W by N afternoon
11						nearly calm saw Indian point &c.
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 19th day of October 18
1			Wednesday 19th October			Calm all night with fog and rain
2			Bon American	M 30	0 00	constantly @ 7 a m a light E air hove
3			" "	E 29	9 50	up anchor and made all sail &c
4			Bon Volorita	M 29	9 00	@ 8 a m calm again and current
5			" "	E 29	7 20	setting us towards mouth of Penaviney
6			Thus Fahr	M 46	E 44	South South Entrance anchored in
7						13 fths water Small Island S W 8 Miles
8			Past Indian point @ 1.30			distant Indian point S by E 8 Miles
9			P M 3/4 Mile distant			foggy showers @ intervals but no rain
10						at 10 a m a light E air again hove
11						up anchor and bore E. at 11 calm
12			Beef and Pork 93			again and current setting to the west
1						towards mouth of Penaviney strait quite
2						knot deepening water fast anchored in
3						17 fathoms at 11.30. a fresh East wind
4						took anchor and at 1.30 rounded the
5						point within 3/4 of a mile tide rips
6						and many Humpbacks a canoe came
7						off reports arrival of my natives last
8						night and had left for Flower Bay
9						this morning bore South under all
10						sail cloudy but offshore clear saw
11						land of Macas & Flower Bay Indistinct
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Chaplin towards 172d Pass Fox Islands &c.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 20th day of October A.D. 1881
1			Thursday 20th October			A steady N.E. wind fresh and clear
2			Fm Aneroid	N	29 800	through the night steering S by W
3			" "	E	29 590	to 3 A M when bore S by E Main
4			Fm Holsteinia	N	29 550	royal sheet parted took the sail
5			" "	E	29 400	down yard and repaired sail & sent
6			Thm Nilsson & Nhm 44			it aloft & set it again. After
7						wards more to the N steering S
8						W under all sail making about 8
9			Common Gulls and			knots moderate gale clear
10			Crowbills Numerous			
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat @ 3 P M 61-50 Long 174-31 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 21st day of October 18
1			Friday 21st October			A steady S E wind freshening through
2						the night under main royal Top
3			Fm Aneroid	N	29.430	M sail to 12 last night when bore S by
4			" "	E	29.300	E @ 5:30 A M daylight bore S E by E
5			Fm Holsteinia	N	29 200	furled Royal and foretopgallant
6			" "	E	29.170	sails & A M confused sea fresh gale
7			Thm N 44 E 44 Dahn			furled M T Gabord. weather dark
8						and cloudy Afternoon rain &
9						wind abating some & veering to N
10			For seal Foul Decks			East set fg jib & Mizzen M Lea
11			"Crowbills" Common gull			at 4 30 observed signs of clearing
12			Black or Right Whalebird			N rain ceased. Under topsails
1			and detached pieces			Courses and mentioned said S E by S
2			of floating Kelp Observed			
3						
4						
5			Confused high sea			
6			low Rimmed light			
7			dark cloudy weather			
8			fog & rain. & Indications			
9			of clearing N (D & R &c			
10						
11						
12						No Observations Sun Obscured

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C

From Cape Chaplin Asia towards Fox Islands A D 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 22d day of October 18 81
1			Saturday 22d	October		A fresh S.E. wind and clear through
2			Am Arkevil	N 29.250		the night - Hove to under all sail
3			"	E 29.130		from 12 Midnight forenoon much
4			Am Holostein	N 29.050		rain and fog and wind tending
5			"	E 29.000		to the Eastward reefed sail to
6			Am Thor	Variable	Calm	M.T. sail & S.by.jib Barometer
7						very low afternoon cleared up
8						some Rocking wind still to
9			Forenoon fresh gale with			Eastward heading on the wind
10			rain and fog			South fog showers @ Intervals
11			afternoon Hove to			From 7 A M to 2 P M when
12			with fog showers			wind commenced veering to the
1			wind tending to the E-			East and moderating steering
2						S.E. by S. through the night - heading
3			Detatched pieces of Kelp			from S.by.E to S.S.W. wind well aft
4			Fin and Eider ducks			to the Eastward
5			Right whale birds			
6			Cape Albatros and a			
7			Land bird noticed			
8						
9						
10						Summers Method
11						
12						Lat 57.00 N Long 173.45 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 23d day of October 18
1			Sunday 23d	October		A Moderately East wind and clear
2			Am Arkevil	N 29.200		under all sail on the wind S by
3			"	E 29.100		S by W daylight - fog showers and
4			Am Holostein	N 29.150		rain forenoon calm light baffling
5			"	E 29.220		Southerly airs rain and fog
6			Thor	N 52 E 48	Calm	At 11 A M wind veered around to
7						the S.W. more Hove to S.E. Made
8			A Finback detatched			all sail afternoon fog Signals
9			small piece of kelp			Clear @ Intervals. Evening Squally
10			a few Bow-head Bird			wind tending to the Eastward
11			and a shoal of			A heavy swell from S.W all the
12			Porpoises observed			afternoon Evening seems to be
1			Struck and lost			Abating and Indications of
2			one of the latter			Clearing off to the Westward
3						Barometer still low
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 2.30 P.M. 55.48 N Long 173.46 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cape Chaplin towards Fox Islands N.E. ½ E.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 24½ day of October 18
1			Monday 24½ October			Baffling winds all around the
2						Compass confused sea fog
3			Saw Aneroid N 29.200			rain etc daylight Mod Cl. W.
4			" " E 29.100			wind steering S.E under all sa
5			Saw Volcano N 28.950			at 9 A M much rain @ 10 wind
6			" " E 28.900			tending to the S.E and furling
7			Saw N 50 E 48 Leagues			reduced to M.S. sail S.E ½ E.
8						Afternoon confused sea & fresh
9						S.E gale clear @ 4 P M saw a
10			A few Eider Ducks			bank off Port beam steering
11			Common gulls a			steering as courses called the
12			flock of Bowhead birds			ship "Sea Breeze" at dusk reduced
1			and detatched pieces			to storm sails and double
2			of floating kelp steered			reefs about 100 Mls to S.E ½ E
3						passage steering S.E by E. wea
4						appears very low Barometer
5			Saw a Barque to the E			@ 9 P M wind veered to N.W set
6			Called her the			foresail
7			"Sea Breeze" Capt McKenna			
8						
9						
10						
11						Long 172 - 11 West
12						Lat @ 3.30 P M 54 - 20 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 25½ day of October 18
1			Tuesday 25½ October			A fresh S.W wind cloudy with f
2			Saw Aneroid N 29.180			and rain showers Made
3			" " E 29.300			double reefs and foresail S.
4			Saw Volcano N 29.080			at 5 A M Moderating Made
5			" E 29.120			all sail @ 6.30 saw the S
6			Saw Lake N 48 E 52 -			Mountain Islands Mid on
7						bearing S.W. wind veering to
8			Pass through the 3 Mountain			the Westward with light mist
9			Island Passage into the			showers kept away and saw
10			North Pacific			between "Chegoula" and Yunnack
11						with a light West wind clear
12			Much race & tide rips			Abut from mist showers
1						@ 10 P M saw between them
2			A flock of Geese another			and passed once more in
3			of Crow a Hawk			the North Pacific. a Southern
4			and a Right Whale			set of current on our fore
5			seen			enabled us to pass through
6						fast. At 12 long S.E @ 2 K.
7			At 4 P M strong West wind			and at 3 E by S with every
8			cloudy			set that with drawn Hooked
9						foot anchor and chain
10						Commenced scraping whalebone
11						
12						Lat @ noon 54 - 26 N Long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

From Fox Islands towards San Francisco C. D. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 26th day of October 18
1	Wednesday 26th			October		A steady fresh wind from North-light
2	Bm Aneroid		In	29.405		rain Showers Under all sail that
3	"	"	E	29.405		will draw E and E½ North Emp-
4	Bm Holoture		In	29.150		ty scraping Whalebone with Cooper
5	"	"	E	29.200		and cooper repairing waist-boat
6	Thm 52		Bm from John			
7						
8						
9	Total absence of Rain					
10	or Marine life					
11						
12						
1	Beef and Pork 96					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 37-05 N Long 166.56 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 27th day of October 18
1	Thursday 27th			October		A steady wind from the Westward
2						Under all Sail & by N forenoon
3	Bm Aneroid		In	29.460		Moderating and Standing N W
4	"	"	E	29.480		at 10 a m Hauled up E.N.E to the
5	Bm Holoture		In	29.200		Sails would draw at 12 took
6	"	"	E	29.250		2 P M all available Sail set that
7	Thm Bm from John					will draw Employed scraping
8						Whalebone with the Cooper
9						finished repairing the
10						Whaleboat - filled a water Cask
11	An Albatross a few					with Coopers Chips from under
12	Crowbills and a					the Starboard Quarter boat
1	Common Gull seen					and put in fore hold between
2						decks
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Lat 37.50 N Long 163-16 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco A D 18

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 28th day of October 18
1			Friday 28th	Oct	a light West wind through the
2					Night and clear Modin all
3			Fox Anemoid	N 29.300	Sail E 1/2 South @ 8 A M calm
4			" "	E 29.650	and clear @ 9 a light West
5			Fox Holoture	N 29.30	wind again @ Afternoon
6			"	E 29.407	fresh West wind squalls of
8			Thu Uniform SO	Sah	rain Emp Lee Steadily
					Whaleboat
9					
10			An Albatross and		
11			a large flock of		
12			Stormy Petrels seen		
1					
2					
3					
4					
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9					
10					
11					
12					Lat @ Noon 30-23 North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 29th day of October 18
1			Saturday 29th	Oct	a Strong west wind and clear
2					Mod all Sail E 1/2 South
3			Fox Anemoid	N 29.700	6 rounds Morning squally
4			" "	E 29.850	At 9 A M hail and clear
5					8 gulls blowing hard with
6			Fox Holoture	N 29.40	high sea pulled Mainroyal
7			" "	E 29.750	and ~~first~~ topgallant Sail at
8					10 A M rolling heavily pulled
9			Thu SO Uniform	Sah	filled decks with water /
10					pulled Main top G sail &
11					double reefed Mizen & single
12					reefed fore topsails Afternoon
1					clear and Moderating out
2					one reef in Main sail and
3					Set Main G sail at 6 P M
4					Set Main royal over the
5					reefed topsail
6					
7					
8					
9					
10					
11					Lat Observations
12					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From Fox Islands towards San Francisco A.D. 1871

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 30th day of October 18
1			Sunday 30th Oct-			A subsiding N.W. gale with rain
2						Lyalls @ 11 P.M. out reefed
3			Bar Aneroid N	30.100		Main topsail during early
4			" " E	29.800		part of morning wind veering
5			Bar Holosteen N	29.900		to the South- @ 7 A.M. during w
6			" " E	29.600		the P.M. put by the course E½
7						South Middle all sail At 12
8			Thermometer from	54		M. dark cloudy weather heavy
9						E.N.E. Afternoon wind increasing
10						with heavy rain and veering
11			Noticed the first of			to the East- @ 3.30 P.M. heavy
12			the black Hawaiian			N.N.E. and blowing a gale
1			birds around and			with rain reduced to
2			a "Molly moke"			double reefed Main topsail
3						Foretopmast & Jigger Staysail
4						heading N.N.E..
5						
6						
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 31st day of October 18
1			Monday 31st October			A heavy N.E gale with rain
2						hove to under close reefed M.
3			Bar Aneroid N	29.500		topsail and storm sails heading
4			" E	29.200		N.N.E. At 8 P.M. wind veering to
5			Bar Holosteen N	29.500		the South heading E.N.E. by 9 P.M.
6			" E	29.100		had moderated so as to head
7			Thermometer 60 Lake			courses Single reefed Main
8						double reefed fore topsail flying
9						jib & Jigger foremast staysails
10						heading on the wind E & N.E. at ½
11						P.M. wind freshening reduced
12						to double reefs and storm sails
1						wind hauling to the S. and clearing
2						up steering E by S. @ 3 P.M. rain
3						and fog again heavy swell
4						from the South. At dark 6 P.M.
5						close reefed the topsails heading
6						E. by N.E.
7						
8						
9						
10						
11						
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco A.D. 18

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 1st day of November 18
1			Tuesday 1st Novembr			A strong south gale with rain
2						and sea made 2 close reefed
3			Fox Anchorage	N 29.420		topsails and storm sails E by
4			"	E 29.700		at 2 A M wind veered Lake Pm
5			Fox Volcanic	N 29.200		increasing sail gradually kept
6			"	" 29.500		confused sea by 4 P.M hove
7			Akun Sale	Uniform 56		single reefed fore & double reefed
8						Main topsails reefed Mainsail
9						& jib foresail and storm sail
10			Beef & Pork 96			steering E by S ½ S Sea 12 Heavy
11						clear weather mostly occasional
12						rain squalls @ 4 hrs fore
1						mainsail
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11						
12						Lat 49°-05' N Long 150.04 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 2d day of November 18
1						A fresh S.W. wind squally and
2			Wednesday 2d Nov			baffling in the squalls constantly
3						drawing thro NW moderating
4			Fox Anchorage	N 29.900		at 7 A M hoisted
5	"		"	E 29.980		topgallants Set strong E by S
6			Fox Volcanic	N 29.700		forenoon clear and fresh
7			"	E 29.780		wind Employed scraping
8						some afternoon squally &
9			Fox Uniform 56 Sale			wind Hauling to the South
10						wind increasing @ 3 P M
11						put all hands below
12						
1			The "Hawaiian Bird"			
2			increasing in number			
3			This morning there			
4			were 3 - this afternoon			
5			there are 8 -			
6						
7						
8						
9						
10						
11						
12						Lat 49°-50' N Long 146°-26 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From Fox Islands towards San Francisco T.C. 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 3d day of November 18
1			Thursday 3d From			Already heavy from the W.S.W.
2						from 8 o'clock last night to 2 this
3			San Francisco N	30.00		morning then wind increasing with=
4	"		" E	29.900		rain from W reduced sail from
5			San Solonton N	29.930		M.S.G. sail and fly jib to 2 double
6	"		" E	29.720		reefed topsails and storm sails
7						foresail hoving hard ugly
8			Shea Fake Bonfoun	60		heavy sea to the southward much
9						rain dark cloudy weather at
10						12 Meridian Hoving a heavy gale
11						and much rain from S.S.W.
12						reduced to close reefed M
1						topsail and storm sails &
2						hove to heading S.E. from 12 to 4
3						P.M. Hoving tempestuous and tremendous
4						sea with rain @ 4 commenced to
5						moderate and veer to the Northward
6						heading N.N.E. rain ceased set=
7						main staysail to steady her with=
8						sail
9						
10						
11						
12						

No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 4th day of November 18
1			Friday 4th Hor			@ 10.30 last night - wind hauled
2						to N.N.W. and moderated hor.
3			San Francisco N	29.850		E.S.E. and gradually made sail
4	"		" E	29.800		until 7 A.M. had both topsails
5						and fly jib set Employed scraping
6			San Solonton N	29.700		Whalebone during forenoon rain
7			E	29.700		& gusts frequent and squally.
8						Handling ship and increasing
9			Shea Monfoun Fake	61		sea by 11 A.M. Hoving a heavy
10						gale reduced to close reefed
11						main topsail and storm sail
12						and hove to again heading S.E.
1						At had about 1200 lbs of Waste
2						Whalebone on deck to wash
3						and finished At through the
4						gale this afternoon ship
5						rolling and labouring very
6						uncomfortable. The gale
7						came on so fast as we
8						could take in sail @ dark
9						6 P.M. Moderating some set
10						fore & main staysails heading
11						S.E. by E.
12						No Observations

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco Cal. 1851

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 5th day of November 18
1			Saturday 5th Nov			@ 8 oclock last night wind moderate
2						and tending to the Westward hove
3			Fox Island	N 30.100		E.S.E. under double reefs and foresail
4	14		"	E 30.250		by daylight hauled aboard sail to
5						wholl Mainsail and foresail &
6			Fox Islands	N 29.950		continued through the day with
7	"		"	E 30.120		a steady W.S.W. gale and clear
8						weather finished washing the
9			Fox Lake	N 58		balance of Sealoil Whalebone by
10				E 60		10 a M and commenced on the
11						cutter this rolling violently @
12						times @ 4 P M double reefed Main
1						& foresail
2						
3			Distance from Fox Island			
4			720 miles			
5						
6						
7			Many Black Hawaiian			
8			birds and a few			
9			Rattlesnakes observed			
10						
11						
12						Lat 44-12 N Long 137-54 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 6th day of November 18
1			Sunday 6th Nov			At 8 oclock last night wind fresh
2						& tending to the Westward set M B
3			Fox Island	N 30.600		sail by daylight hauled all aboard
4	"		"	E 30.620		Split sail steering E.S.E & wind
5						W.S.W. clear weather throughout
6			Fox Islands	N 30.350		the day with a heavy swell
7				E 30.440		from the Westward
8			Fox N 60 E 62 Lahs			Many of the Hawaiian Birds
9						observed
10			The first good day			
11			we have had since			
12			leaving Fox Island			
1			Bay			
2						
3						
4						
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9						
10						
11						
12						Lat 42-40 N Long 134-06 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 7th day of November 18
1			Monday 7th Nov			a subsiding West wind and a
2						heavy swell from the West which
3			Sun Aneroid	W	30.700	by daylight was out light from
4	11		"	E	30.700	W & W with overcast weather
5						Under all sail E.S.E. - Employed
6			Sun Holothuria	W	30.580	with all hands in washing
7	"		"	E	30.650	Whalebone by dusk had about
8						5 heads washed @ sunset wind
9			Sun Variation 6 E Fahr			very light & W. Swell subsiding
10						put always way on the ship
11						Many of the Holothuria birds
12			A small land bird			awakened
1			to the SW flying towards land			
2						
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11						
12						Lat-41=53-N Long 133-44 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 8th day of November 18
1			Monday 8th Nov			Light baffling airs from W to W
2						and calm @ times heavy
3			Sun Aneroid	W	30.700	Calms Employed in washing
4			"	E	30.660	Whalebone with all hands
5						Forenoon heavy calms @ noon
6			Sun Holothuria	W	30.630	a light SE air @ dusk a light
7			"	E	30.640	South air cloudy throughout
8						the day fine mist showers @ dusk
9			Sun Fahr 62			Employed all sail on the wind
10						E by S
11						
12						
1			Saw 2 small Sun			
2			Fish and a Couple			
3			of Hawaiian birds			
4						
5			Kept Look. too -			
6						
7						
8						
9						
10						
11						
12						No Observation

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco A.D. 18

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 9th day of November 18
1			Wednesday	9th	Dow	Light baffling winds rain shower
2						Calm Etc Wind all sail &c.
3			Sun Around	N	29.780	Emp with all hands Lu washing
4	11		"	E	29.720	Whalebone afternoon clear
5						with light West wind
6			Sun Holothuria	N	29.650	
7	"		"	E	29.600	
8			Sun Sat	62		
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Lat 41=05 N Long 132=06 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 10th day of November 18
1			Thursday	N by E	Dow	A light West wind with rain
2						Hydrulls under all sail &c.
3			Sun Holothuria	30 53		Emp Lu washing Whalebone with
4						all hands At 12 M finished bor
5			Sun other Bayonnella			E by S fine breeze from W W with
6			& Sun Set away			fine rain showers Emp afternoon
7			from future use			Lu washing boats Untitled &c
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Lat 40-00 N Long 130-08 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Fox Islands towards San Francisco 1882

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 11th day of November 18
1			Friday 11th Nov			Light W.N.W. wind with fine
2						clear squalls occasionally
3			Our Noon Position	N 30 360		Under all sail E.S.E at 12
4				E 30 400		M. Course East Dist 1 Ln working
5						Ship Provide &c
6						
7						
8			A few Hawaiian Birds			
9			and 1 Gray Gull seen			
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12						Lat 38.52 N Long 126 58 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 12th day of November 18
1			Sunday 12th Nov			A Moderate W.N.W. wind with
2						Mist & fine rain showers
3						East Under all sail Em-
4						ployed bending Studd Sail boom
5						stowing Rope & Whalebone
6						Cask cleaning &c generally
7						At 12 M a fresh N.W. wind & clear
8						passed a Sea Standing by
9						the E.S.E. @ 2 P.M. saw the
10						Land about Bodega & 45
11						Miles bore E by S — Imbed-
12						ded Anchors and clear'd
1						Land about 2 points off the
2						Port bow @ dark 30 Miles
3						which I [illegible]
4						Steering for the Harbor @ 11 P.M
5						made a flash light & soon
6						took a Pilot — came to an Anchor
7						just inside the heads @ 3 A.M
8						calm @ 9 A.M Boy "Hercules"
9						towed us up to Beals St Wharf
10						where we anchored and moored the
11						Voyage
12						Lat 38.10 N Long 123 57 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, - day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1	"		Coral "Provision list					
2	Feb	23d	Two barrells Salt-Beef					
3		"	"	One do	do Pork			
4		"	"	1/2 keg	do Butter			
5	"		25	1 cask	10 1/2 bbls Flour			
6	March	1st	1 Keg Salmon Bellies					
7	"		"	1 do Tongues & Sounds				
8	"		3rd "	1 bbl Salt-Beef				
9	"		4th	1 do Hams				
10	"		1 box Codfish	100 lbs				
11	"		1 do Herrings					
12	"		19th	1 Cask Sugar		2		
1			"	1 do Beans		2		
2			"	1 Keg Tripe		1		
3			"	1 do Ox Tongue		1		
4			"	1 Keg Sugar		1		
5			"	1 Cask Bread		1		
6	"		"	1 Case Fresh Salmon		1		
7								
8								
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12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,	day of	18
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by